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GREAT NORTHERN PAPER COMPANY
WEEKLY NEWS LETTER

FOR WEEK BEGINNING 8 A. M. Dec. 28, 1925 19

FROM Engineering Department

LETTER NO. 33

SUBJECT	DETAIL
Water Storage	<p>Water Storage in Ripogenus and North Twin has decreased a billion cubic feet during the past week and may be expected to continue shrinking thru the winter.</p> <p>To-day's Report: Ripogenus Elev. 943.30 Storage 29,107 Mil. Cubic Feet North Twin " 493.00 " 14,090 " " " Total Storage 43,197</p>
Wood Room Changes Job #1085	<p>Concrete foundations for three chippers completed. Floors around chipper foundations completed. One chipper and two crushers and some belt conveyor material received to date. Now installing temporary four-foot conveyor to old chippers.</p>
Felt Washers for Paper Machines - Mill #2	<p>Suction boxes all installed and in operation. Job practically completed.</p>
Machine Room Ventilation Job 2050	<p>Piping all installed and in service. Job practically completed.</p>
Cameron Fire Pump - Job 2041	<p>Pump delivered but no start on installation. <i>located temporary toilet there</i></p>
Great Northern Hotel Changes.	<p>Fast nearing completion. Two coats paint on bath and bed rooms. Woodwork stained in Conference Room. Electricians putting up fixtures.</p>
Repairs to Dolby Dam Job 2047	<p>Work on Dam completed. Flashboards replaced, Cofferdam removed, Foundation Company cleaning up job and moving to Millinocket this week.</p> <p>Dict. FCB</p>
DATE MAILED January 4, 1926	SIGNED <i>J. C. Fowler</i>

GREAT NORTHERN PAPER COMPANY
WEEKLY NEWS LETTER

FOR WEEK BEGINNING 8 A. M. Dec. 21st

19 25 FROM Engineering Dept.

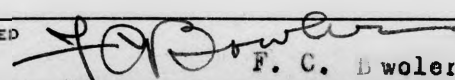
LETTER NO. 32

SUBJECT	DETAIL																		
Water Storage.	<p>The water storage at Ripogenus and North Twin has gained 120 million cubic feet since last Monday, the 21st. Two gates at Ripogenus are still open three feet, with the water elevation at 943.71 this morning.</p> <p>Todays' report:-</p> <table><tr><td>Ripogenus Elev.</td><td>943.71</td><td>-</td><td>Storage</td><td>29,630</td><td>Mil. Cu. Ft.</td></tr><tr><td>N. Twin Elev.</td><td>493.80</td><td>-</td><td>"</td><td>14,650</td><td>" " "</td></tr><tr><td colspan="4">Total Storage</td><td>44,280</td><td>Mil. Cu. Ft.</td></tr></table>	Ripogenus Elev.	943.71	-	Storage	29,630	Mil. Cu. Ft.	N. Twin Elev.	493.80	-	"	14,650	" " "	Total Storage				44,280	Mil. Cu. Ft.
Ripogenus Elev.	943.71	-	Storage	29,630	Mil. Cu. Ft.														
N. Twin Elev.	493.80	-	"	14,650	" " "														
Total Storage				44,280	Mil. Cu. Ft.														
Repairs to Dolby Dam Job. 2047	<p>The upstream face of the second east cofferdam was gunited on Wednesday and there now remains the crest to be gunited before the job is completed. One more day of good weather will probably complete the guniting. Steam is being maintained to heat the materials and the completed work.</p>																		
Felt Washers for Paper machines. Mill No. 2.	<p>The washer box on the third press of No. 1 paper machine was moved forward into a new position during the Sunday shut down, and work was continued on the piping to Nos. 2 and 3 paper machines.</p>																		
Machine Room Ventilation Job. #2050.	<p>Work on the erection of the galvanized iron air ducts on the machine room - finishing room wall, is progressing very good and should be completed by the middle of this week. The supply pipe has been completely erected from the fan in the basement to the underside of the roof and the branches along the walls are extended over in front of Nos. 3 and 4 paper machines respectively.</p>																		
Cameron Fire Pump - Mill #2 Job. 2041.	<p>Work has not been started on the installation of the new Centrifugal Fire pump as yet.</p>																		
Wood Room Changes, Mill #1 - Job 1085.	<p>The concrete for the third and final chipper foundation was poured last Tuesday and the form has now been removed. The old concrete floor has been removed from around the new foundations and forms are under construction for the new floor. The first shipment of wood room equipment was received from the Carthage Machine Co., on Saturday, Dec. 26th, and consisted of one of the new 88 inch chippers complete and the two Improved Carthage Chip Crushers.</p>																		
Great Northern Hotel Changes.	<p>The painters have removed practically all of the old finish in the conference room and have finished painting the ceiling. The wood work in the bed rooms and bath rooms have been given their priming coat of paint and the walls a coat of sizing.</p>																		
	<p>Dic. RVW.</p>																		

DATE MAILED

Dec. 28, 1925.

SIGNED



F. C. Bwoler, Engineer.

GREAT NORTHERN PAPER COMPANY
WEEKLY NEWS LETTER

FOR WEEK BEGINNING 8 A. M. Dec. 14,

19 25 FROM Engineering Department

LETTER NO. 31

SUBJECT	DETAIL
Water Storage	<p>The water storage at Ripogenus and North Twin has dropped off a little during the past week, losing 336 million cubic feet since last Monday. Some gates have been opened up above Ripogenus so that Ripogenus itself is full again and it has been necessary to open one gate 6 feet and another one 3 feet to maintain the elevation at 944.00.</p> <p>To-day's report: Ripogenus Elevation 944.00, Storage 30,000 Mil. Cu.Ft. North Twin " 493.10 " 14,160 " " Total Storage 44,160 " "</p>
Dolby Hydro Electric Change Job 2037	<p>Conduit for the new lights and new telephone in the Generator Room are being installed.</p>
Repairs to Dolby Dam Job 2047	<p>The second and final section of concrete was poured on last Monday. The forms have now been removed, the coffer dam pumped down and the steelcrete reinforcing fastened onto the surface of the new and old concrete preparatory to guniting. If weather conditions are favorable the guniting will be done to-morrow. <i>Heavy snow today</i></p>
Felt Washers for Paper Machines Mill 2	<p>The second felt washer box on No. 4 paper machine was installed on Sunday, the 20th, and some more of the piping for #2 and #3 machines put in place.</p>
Machine Room Ventilation Job 2050	<p>The galvanized iron ducts have been received from J. O. Ross Engineering Co. and a good start has been made on the installation. The supply pipe from the fan has been erected in the basement and up through the machine room wall.</p>
Cameron Fire Pump - Job 2041	<p>The new 2000 gallon Centrifugal Fire Pump for East Millinocket was received on Friday, December 18th.</p>
New Paper Machine Mill #1 Job #1101	<p>A first shipment, consisting of eight dryers for the new paper machine, was received from Rice, Barton & Fales on Friday and Saturday of last week, the 18th and 19th.</p>
Wood Room Changes, Mill #1 Job 1085	<p>The second chipper foundation was poured last Monday and the form has been removed. The form for the third foundation is completed and the reinforcing rods are being placed so that the concrete may be poured to-morrow.</p>
Great Northern Hotel Changes	<p>The carpenters have finished putting on the finish and hardware in all of the rooms and the painters have now started work in the conference room. The bath fixtures in the two bathrooms have been installed in place and the plumbing is nearing completion.</p>
	<p>Dict. RVW</p>

DATE MAILED

December 21, 1925

SIGNED

Feb

GREAT NORTHERN PAPER COMPANY
WEEKLY NEWS LETTER

FOR WEEK BEGINNING 8 A. M. Dec. 7,

1925 FROM Engineering Department

LETTER NO. 30

SUBJECT	DETAIL
Water Storage	<p>On Wednesday, December 9th, a new maximum of 44,965 million cubic feet was recorded when Ripogenus stood at elevation 944.00 and North Twin 494.25. It has been necessary to waste water at Quakish Dam during the week so as to take care of the in-flow without endangering North Twin, but we will be able to discontinue this wastage to-day because the low temperatures of the past few days have tended to check the flow.</p> <p>To-day's Report Ripogenus Elev. 943.77 Storage 29,706 Mil. Cu. Ft. North Twin " 494.00 " 14,790 " " " Total storage 44,496 " " "</p>
Dolby Hydro Electric Changes Job 2037	<p>A telephone booth in front of the switchboard is under construction, to hold the present phones and the phone for the new private line between the two generator rooms. The guard for the water pipe to the lignum vitae thrust bearing in No. 4 Water Wheel has been installed.</p>
Transmission Line, Dolby to Millinocket Job 1099	<p>The three lengths of 5/8" diameter steel cable has been strung between the generator room and the mid-river tower and properly connected. This line was again put in service Sunday December 13th.</p>
Repairs to Dolby Dam Job 2047	<p>The first section of new concrete in the second east coffer dam has been poured and the forms removed. The forms for the second section have been put in place and this section is being concreted to-day.</p>
Felt Washers for Paper Machines Mill No. 2	<p>Both of the felt washer boxes have been installed on No. 1 paper machine and the one on the first press has been installed on No. 4. The motor driving the Nash Pump has also been set in place so that the above three boxes may be operated whenever desirable.</p>
Machine Room Ventilation Mill #2, Job 2050	<p>A carload of the galvanized air duct work for the machine room-finishing room wall has been received and a notice to that effect sent to J. O. Ross Engineering Corporation so that they may send their erector.</p>
Wood Room Changes, Mill No. 1, Job 1085	<p>The forms for the second chipper foundation has been completed and the concrete is being poured to-day. A start has been made on the form for the third and last chipper. The new doorway entering into the wood room basement has been completed and the old doorway has been bricked up.</p>
Great Northern Hotel Changes	<p>The skim or final coat of plaster has been put on so that the plastering is now completed. The carpenters have applied the finish in the Conference Room and are now putting it on in the bedrooms and bathrooms. The carpentry work should be done by the last of this week, so that the painters will be able to start the first of next week in all probability. The changes in the piazza have been completed and painted. All is in readiness for the electric light fixtures as soon as they are received.</p> <p>Dict. RVW</p>

DATE MAILED December 14, 1925

SIGNED

F. C. Bauer

GREAT NORTHERN PAPER COMPANY
WEEKLY NEWS LETTER

Dec. 7, 1925.

FOR WEEK BEGINNING 8 A. M. **Nov. 30,** 19**25** FROM **Engineering Department** LETTER NO. **29**

SUBJECT	DETAIL
Water Storage	<p>A heavy rainfall over the week-end has caused the water storage conditions to again reach a maximum of 44,860 million cubic feet this morning. As a result, it is again necessary to waste water at Quakish in order not to endanger North Twin. Rainfall at Millinocket for the month of December to date is 1.86 inches and at Ripogenus 0.35 inches. Two gates open 6 feet each at Ripogenus.</p> <p>To-day's Report: Ripogenus Elevation 944.00 Storage 30,000 Mil. Cu. Ft. North Twin " 494.10 " <u>14,860</u> " " " 44,860</p>
Dolby Hydro Electric Changes - Job 2037	<p>No. 3 Unit at Dolby has been painted and a guard placed over the water pipe to the thrust bearing. The new lights and fixtures are being installed in the generator room.</p>
Transmission Line, Dolby to Millinocket Job 1099	<p>Sufficient 5/8" diameter steel cable has been found for the long span from the Dolby generator room to the mid-river tower. The three lengths have been strung across the river but not pulled up in place as yet. The steel anchorage in the generator room has had to be strengthened because of this new cable, and suitable electrical connections have been made up by the mill.</p>
Repairs to Dolby Dam Job 2047	<p>The first east coffer dam has been dismantled, and the timbers and planking stored away. The greater portion of the old concrete has been removed from the second east coffer dam, and the flashboards removed. A steam pipe line is being run preparatory to installing the pumps in the coffer dam.</p>
Felt Washers for Paper Machines - Mill #2.	<p>The discharge pipe from the pump to the sewer has been installed and the suction pipes for #1 and #4 paper machines have been made thru the pits. One or both of these will probably be connected up next Sunday.</p>
Wood Room Changes - Mill #1 Job 1085	<p>The forms for the first chipper foundation have been completed and the concrete poured. The forms for the second chipper foundation are about one-half completed.</p>
Great Northern Hotel Changes.	<p>All of the rough plastering, and rough carpentry work is now done. The skim coat of plaster will be put on Wednesday and then the final finish can be applied by the carpenters. Practically all of the rough plumbing is finished also.</p>
Miscellaneous	<p>On Monday November 30th, the mill started using wood from No. 1 pile. On Wednesday December 2nd, resumed taking wood from water.</p> <p>Mr. Crowell of the Foundation Company visited Millinocket and Dolby on Tuesday, December 1st.</p>

Dict. RVW

F. C. Bowler, Engineer.

DATE MAILED

December 7, 1925.

SIGNED



Great Northern Paper Company
Weekly News Letter

Date: Nov. 30, 1925.

Department: Engineering.


Letter No. 28.

Subject	Remarks.
<p>Water Storage</p>	<p>The peak of the water storage situation was reached on Saturday November 28th, when Ripogenus stood at elevation 944.00 and North Twin at elevation 494.10; a total of 44,860 million cubic feet. During the past week it has been necessary to waste some water at Quakish Dam in order to take care of the in-flow without endangering North Twin. Low temperatures the past few days have checked the flow so that the waste of water has been discontinued.</p> <p>To-day's Report Ripogenus Elev. 943.95 Storage 29,936 Mil. C. F. North Twin " 493.75 " 14,615 " " Total Storage 44,551 " "</p> <p>One gate open six feet at Ripogenus. During the month of November, Millinocket has had a rainfall of 6.39 inches and Ripogenus 6.23 inches.</p>
<p>Dolby Hydro-Electric Changes. Job 2037</p>	<p>The No. 1 Unit at Dolby has been thoroughly painted. While this unit was down a cast iron guard was bolted over the water pipe taking water to the lignum vitae thrust bearing. Likewise, No. 2 Unit is now shut down to be painted and to install water pipe guard. A new system of lights and fixtures are being installed in the generator room. All of the steel gates for the grinder wheel flumes are now installed.</p>
<p>Transmission Line Dolby to Millinocket Job 1099</p>	<p>At 12:15 A.M. Saturday, November 28th, two of the three cables composing the transmission line leaving Dolby broke at a point about half way between the power station and the mid-river tower. This breakage was on account of an overload of ice due to spray from open waste gates in Dolby dam. It is proposed to replace the three cables of this span with 5/8" diameter steel cables of much greater strength and suitable electrical capacity. Mr. Nickerson is preparing requisitions for the necessary materials for this change. Previous to this breakage, Dolby had been transmitting 800 to 1000 K.W. to Millinocket, without experiencing any trouble.</p>
<p>Repairs to Dolby Dam - Job 2047</p>	<p>Repairs to the dam on the west side of the log sluice has now been completed, the flashboards replaced, and the coffer dam removed. Guniting at the first east coffer dam has been completed and a start made today on the removal of the coffer dam itself. The second east coffer dam is completed and the concrete seal poured. The old concrete is being drilled and chipped out of the dam.</p>
<p>Felt Washers for Paper Machines Mill No. 2</p>	<p>Three of the felt washer boxes have been practically completed and a start has been made on the fourth. A goodly portion of the suction piping which extends beneath the paper machines has been erected.</p>

Date: Nov. 30, 1925.

Department: Engineering.

Letter No. 28

Subject	Remarks	Page No. 2
Switchboard Extension - Mill No. 1 Job 1098	Work on the extension of the Millinocket Switchboard has been completed. The General Electric Company's crew left Millinocket Tuesday, November 24th.	
Wood Room Changes Mill No. 1 Job 1085	The third chipper foundation footing has been poured and the forms for the first chipper foundation is nearing completion. The frame for the door re-location in the basement has been set in place.	
Great Northern Hotel Changes	Painting of the new work in the Rear Hall, Barber Shop and main Lobby has been completed. The partitions for the new bathrooms and closets have been erected, and all of the lathing will be finished by tonight so that the masons will start putting on the rough coats of plaster to-morrow. The electric wiring is complete throughout.	
F. C. Bowler Dict. RVW	 F. C. Bowler, Engineer.	

Great Northern Paper Company
Weekly News Letter

Date: Nov. 23, 1925.

Department: Engineering

Letter No. 27

Subject	Remarks
<p>Water Storage</p>	<p>The water storage of Ripogenus and North Twin continues to climb. Ripogenus is now full and the gates are being raised or lowered as the case may be, to keep the elevation of the water as near to 944.00 as possible. This morning one gate was open 8 feet and another one 5 feet. North Twin Lake is one foot off from full lake. On Wednesday last, November 18th, we started running 5-1/2 lines of grinders (56 stones) and started piling out ground wood pulp.</p> <p style="text-align: center;"><i>240 Tons GW piled out this am</i></p> <p>To-day's Report: Ripogenus Elev. 944.00 Storage 30,000 Mil Cu.Ft. North Twin " 493.05 " 14,125 " " " Total Storage 44,125 " " "</p> <p>Telephone report last week from Ripogenus is that gates have been closed at Canada Falls, Seboomook, Caucomogomoc and other lakes above Ripogenus.</p>
<p>Dolby Hydro Electric Changes Job #2037</p>	<p>No. 1 Unit at Dolby is shut down to be painted. The new crane steel has been painted, and the doorways are being repaired where they were enlarged to allow the large pieces of machinery to pass. The toilet wall has been plastered and the fixtures installed. No. 6 new steel flume gates have been installed and are ready for operation. The gates for No. 7 grinder wheel flume have also been installed but the racks have not yet been fastened to the stems.</p>
<p>Transmission Line Dolby to Millinocket - Job 1099</p>	<p>On Sunday, November 22nd, the Dolby water wheels and generators picked up a 500 Kilo Watt load from Millinocket and carried it throughout the day. The generators at Dolby and the Millinocket generator phased in without experiencing any trouble and the governors held the load very good. The fence around the Dolby transformer station has been erected and the grading completed.</p>
<p>Repairs to Dolby Dam - Job 2047</p>	<p>The guniting on the west coffer dam has been completed. The first east coffer dam is all ready for guniting and will probably be done to-morrow if the weather permits. Construction of the second east coffer dam is now practically completed and it is ready to be sealed with concrete.</p>
<p>White Water Pump Changes - Job 2048</p>	<p>Nothing further has been done on this installation since last week.</p>
<p>Cameron Fire Pump Changes - Mill #2 Job 2041</p>	<p>Word was received from the Ingersoll-Rand Co. to-day that the fire pump was now completed and would be shipped as soon as it had been tested.</p>
<p>Felt Washers for Paper Machine Mill #2</p>	<p>A start has been made on the suction piping from the pump.</p>

Date: Nov. 23, 1925.

Department: Engineering.

Letter No. 27

Subject	Remarks
Switchboard Extension - Mill #1 Job 1098	This work is practically all completed now, and the General Electric crew will in all probability leave within a day or two.
Wood Room Changes Mill #1 Job 1085	The vertical reinforcing rods have been placed and the concrete poured in two of the footings for the new chippers. The old concrete floor is being chipped and broke away so that the reinforcing rods may be placed for the third chipper foundation. The drive for the tunnel conveyor has been moved ahead to its new position.
Great Northern Hotel Changes.	<p>The plastering has been completed in the barber shop, rear hall and main lobby, and the carpenters have to-day started to put on the wood finish at these points. The rear entrance has been finished and is in use. A start will be made on the painting in the above places to-morrow. Casement windows in both the bathrooms are now in place, and the entrance door from the piazza to the conference room has been installed also. All the new door locations have been cut thru the old partitions. The electric wiring has been completed and the pipers are shifting the steam pipe and radiators to their permanent locations. Representatives of Chamberlain Metal Weather Strip Co. are at work to-day on doors and windows.</p> <p>Mr. Whitcomb and Mr. McKay arrived at Madison Monday evening November 16th, and visited the mills at Madison, Millinocket and East Millinocket, leaving Millinocket Thursday noon, November 19th.</p> <p>Mr. E. W. Prouty arrived Saturday evening, is leaving Tuesday noon.</p>

F. C. Bowler

Dict. R.V.W.

F. C. Bowler, Engineer.

Rain last night to 3 PM today Ground white with snow at 5 PM still snowing hard

Great Northern Paper Company
Weekly News Letter

Date: Nov. 16, 1925.

Department: Engineering.

Letter No. 26

Subject	Remarks
Water Storage	<p>Starting on Thursday last, we have had very heavy rainfalls which netted Ripogenus 2.81 inches and Millinocket 2.74 inches. This brings the rainfall for the month of November up to 4.13 inches at Ripogenus and 3.91 inches at Millinocket, at this writing. Ripogenus has gained 2,568 million cubic feet since last Monday with one gate open two feet.</p> <p>To-day's report: Ripogenus Elev. 942.85 Storage 28,538 Mil. Cu. Ft. North Twin " 490.95 " 12,655 " " "</p> <p>← To-day's report not received. Line out of order</p>
Dolby Hydro Electric Changes Job 2037	<p>The generator of the No. 1 Unit has been dried out and this Unit was placed <u>onto</u> the line and run with a slight load on Thursday last. The new crane steel is now entirely erected and riveted together. That portion of the old switchboard which controlled the old generators has been disconnected and the parts removed. The new steel gates for No. 5 waterwheel flume have been dropped into place and the millwrights are putting the racks on the stems to-day. The gates for the remaining two waterwheels flumes are being moved onto the job site.</p>
Transmission Line Dolby to Millinocket - Job 1099	<p>The transformer stations at both Dolby and Millinocket are now ready for service and the line will probably be tried out sometime during this week. The fence for the Millinocket transformer station is all erected and a start has been made on the one around the Dolby transformers.</p>
Repairs to Dolby Dam - Job 2047	<p>The second section of concrete has been poured at the west cofferdam, and the forms removed. The surface of the new concrete has been chipped and the steelcrete securely fastened preparatory to guniting. Construction of the second east coffer dam is progressing very good.</p>
White Water Pump Changes - Mill #2 Job 2048	<p>The electricians have laid the conduit and run the wires for the motor. Piping on this job has not been started as the pipers are busy on another installation.</p>
Cameron Fire Pump Mill #2 - Job 2041	<p>Work has been completed on the discharge piping to the old yard system for the present. The pump itself has not been received yet.</p>
Felt Washers for Paper Machines Mill #2.	<p>The Nash pump has been set up in place, and the pipe and fittings have been received so that the pipers can now go right ahead with this installation.</p>
Switchboard Extension - Mill No. 1 Job 1098	<p>The small wiring on the switchboard, oil circuit breaker, etc., is fast being cleaned up by the General Electric Co.'s crew. The large overhead cables from the switchboard to the transformer station have been secured in their porcelain insulators, and the necessary connections on each end made.</p>

Date: Nov. 16, 1925.

Department: Engineering.

Letter No. 26.

Subject

Remarks

Page No. 2.

Wood Room Changes
Mill #1 - Job 1085

Concrete for the chipper foundation footings has not been poured yet, but will in all probability be poured in a day or two now.

Great Northern
Hotel Changes

The rear hall partition has been installed. The arch from the lobby to the conference room has been removed and the new partition is built in place. The door into the barber shop has been moved and the window in the No. 2 bathroom has been installed. A start has also been made on the rear porch platform. The masons to-day started plastering the barber shop, rear wall and lobby. Electric wiring is about one-half completed, and the plumbing fixtures, linoleum, hardware, doors and finish on the first order have been received.

Mr. Crowell of the Foundation Company visited Millinocket and Dolby on Tuesday, Nov. 10th.

F. C. Bowler
F.W.M.

Dict. RWV

F. C. Bowler, Engineer.

Great Northern Paper Company
Weekly News Letter

Nov. 9, 1925.

Department: Engineering.

Letter No. 25

Subject	Remarks
Water Storage	<p>The water storage of Ripogenus and North Twin is still gaining, reaching a new maximum of 38,660 million cubic feet this morning. This is a gain of 1,219 million cubic feet since last Monday. Ripogenus and Millinocket both experienced another heavy rain storm over the week-end which netted Ripogenus 1.32 inches and Millinocket 1.07 inches. On Friday and Saturday last, one of the gates at Ripogenus was closed and to-day noon, the remaining one was shut down four feet leaving only one gate now open two feet.</p> <p>Today's Report: Ripogenus Elev. 940.77 Storage 25,970 Mil. Cu. Ft. North Twin " 491.00 " 12,690 " " " Total Storage 38,660 " " "</p>
Dolby Hydro Electric Changes Job 2037	<p>The No. 1 Unit at Dolby is still running idle and the actual drying out of this unit will start this afternoon. In all probability it will be ready to go onto the line Wednesday or Thursday of this week. The pipe connections for the supply to the centrifugal fire pump have been made from No. 1 and No. 2 water wheel flumes respectively. A small section of floor around No. 1 water wheel, which was left until the sewer pipes for the toilet had been laid, has been concreted. The remainder of the new crane steel supports have been erected and the old removed from the building. A portion of the old switchboard which is now in disuse is being dismantled, leaving only that which is necessary to run the grinder room. The new steel gates for the remaining three grinder flumes are being moved onto the job site preparatory to installing them. Mr. Joseph Closson, water wheel erector, left Dolby Thursday, Nov. 5th.</p>
Transmission Line Dolby to Millinocket - Job 1099	<p>The step-up transformers at Dolby, are now ready for service. The oil for the Millinocket step-down transformers will have to be refiltered for a few more days and then they will be in readiness for service also. Electricians are now placing the remainder of the insulators on the poles and tying the wires onto them. The burning of the brush on the right-of-way is now completed. A start on the erection of the fence around the Millinocket transformer station was made to-day.</p>
Repairs to Dolby Dam - Job 2047	<p>The first section of concrete has been poured at the west coffer dam and the second section is being poured to-day. A start has been made on the final coffer dam which is located between the present east coffer dam and the log sluice.</p>
White Water Pump Changes - Mill #2 Job 2048	<p>The forms have been removed from the concrete foundation but no piping has been done as yet. The electricians are installing the hand starting compensator and wiring to the motor.</p>
Cameron Fire Pump Mill #2 - Job 2041	<p>The discharge pipe for the new 2000 gallon Centrifugal Fire Pump has been connected into the old yard system. The pump has not as yet arrived.</p>
Switchboard Extension - Mill #1 Job 1098	<p>The small wiring on the switchboard panels, current and potential transformers, etc. is now being done by the General Electric Co.'s crew. The insulators for the large overhead cables in the Generator Room are being put in place and the cables clamped to them.</p>

Nov. 9, 1925.

Department: Engineering.

Letter No. 25.

Subject	Remarks	Page No. 2
<p>Wood Room Changes Mill #1 Job 1085</p>	<p>Work has been started on the foundations for the three new chippers in the Wood Room basement. The excavation for the footings has been completed and the concrete will probably be poured tomorrow.</p>	
<p>Great Northern Hotel Changes.</p>	<p>Part of the material for the changes to the Great Northern Hotel has been received, and work will be started at the Hotel Wednesday.</p>	<p>JCP</p>
	<p>Dict. RWW</p> <p>F. C. Bowler, Engineer.</p>	

Great Northern Paper Company
Weekly News Letter

Date: November 2, 1925.

Department: Engineering.

Letter No. 24.

Subject	Remarks
Water Storage	<p>The water storage of Ripogenus and North Twin is still rising and has gained 2,164 million cubic feet since last Monday bringing the storage up to 37,441 million cubic feet. This is 688 million cubic feet more of water than has been available at any one time this year. At Ripogenus, the rainfall for the month of October was 6.63 inches and at Millinocket 6.07 inches.</p> <p>To-day's Report: Ripogenus Elev. 940.92 - Storage 26,151 Mil.C.F. North Twin " 489.00 " 11,290 " " 37,441 " "</p>
Dolby Hydro Electric Changes Job 2037	<p>The fourth and last unit (No. 1 Unit) was turned over for the first time on Saturday last, October 31st, and is now on its drying out run. Forms for the curbing and floor around the waterwheel are being built preparatory to concreting. Sewer pipes have been laid and a steel frame for a plaster wall erected between the east wall and the No. 1 water wheel, to be used as a toilet for the operators. The old crane has been dismantled and placed out in the yard, and another section of the crane steel erected. Sunday afternoon, Nov. 1st, No. 3 water wheel shaft moved forward about 1/4 of an inch and as the generator bearings have only 3/16" clearance to allow for any end thrust a little damage was done to the bearings. No serious damage was done, however, and the wheel will probably be started again this afternoon.</p>
Transmission Line Dolby to Millinocket - Job 1099	<p>A report on the samples of the oil from the Dolby transformers has been received from the General Electric Company and as a result the oil is being filtered again to remove more of the moisture. The transformers at Millinocket have been dried out and a sample of the oil sent to be analyzed.</p>
Machine Room Roof Mill #2 - Job 2036	<p>The copper edge strip has been placed around the roof of the fan houses and the roofs have been tarred and graveled, thereby completing this job.</p>
Repairs to Dolby Dam - Job 2047	<p>The second section of concrete at the east coffer dam has been poured and the forms removed. The concrete is now being chipped and the steelcrete fastened onto the dam preparatory to guniting the surfaces. At the west coffer dam, the old concrete is still being drilled and removed.</p>
White Water Pump Changes - Mill 2 Job 2048	<p>The concrete foundation for the 12" Cameron pump has been poured, and the new pump moved onto it, in readiness to be piped.</p>
Switchboard Extension - Mill #1 Job 1098	<p>The Millinocket Generators were shut down Sunday, Nov. 1st, and the new copper was erected and connected onto the present bus bars. The nine large cables which run overhead in the Generator Room have been pulled up into place on their supports, but not fastened onto the porcelain insulators.</p> <p>Messrs Stafford and Start of Rice, Barton & Fales Co. accompanied by Mr. Pickering of the Farrel Machine Co. visited Millinocket Tuesday, October 27th.</p>

Date: November 2, 1925. Department: Engineering.

Letter No. 24.

Subject

Remarks

Sheet No. 2.

Mr. G. V. Salle and Mr. Crowell of The Foundation Company visited Millinocket and Dolby on Tuesday October 27th.

4013

Dict. RWV

F. C. Bowler, Engineer.

Great Northern Paper Company
Weekly News Letter

Date: October 26, 1925.

Department: Engineering.

Letter No. 23

Subject	Remarks
Water Storage	<p>The water storage of Ripogenus and North Twin continues to gain rapidly. Another snow and rain storm was experienced at Millinocket over this weekend netting 1.40 inches of precipitation. This brings the rainfall at Millinocket for the month of October up to 5.61 inches and Ripogenus up to 6.30 inches.</p> <p>To-day's Report: Ripogenus Elevation <u>940.33</u> Storage <u>25,436</u> M.C.F. North Twin " 486.90 " <u>9,841</u> " Total Storage <u>35,277</u></p>
Dolby Hydro Electric Changes. Job #2037	<p>The water wheel for No. 1 Unit is now all assembled and the casing riveted. The oil tank and the waterwheel governor have been moved into their approximate positions. Excavation for the oil pipe trenches has been completed, the forms built and a section of the floor around the wheel has been consseted. The concrete foundation for the generator and its pit was poured during the week and the generator has been moved onto it. It is now completely assembled, lined and leveled and is to be grouted this morning.</p>
Transmission Line Dolby to Millinocket. Job 1099	<p>The oil in the step-up transformers at Dolby has been dried out and samples of same sent to G.E. Co. to be analyzed. The Temporary house used for filtering the oil has been removed. All of the cable connections on the Dolby end of the transmission line have been made and as soon as some insulators and pins are received, this line can be completed. At Millinocket, the special apparatus has been set up and a start has been made on the drying out of the oil in the step-down transformers. Due to the bad weather conditions however, these are approaching their drying out temperatures rather slow.</p>
Machine Room Roof Mill #2 Job 2036	<p>Hahnel Brother's man arrived and has flashed and completed the two skylights between the fan houses, and is repairing one damaged by the recent storm. The copper edge strip has also been placed around the edge of three of the fan houses and two of these roofs have been tarred and graveled.</p>
Repairs to Dolby Dam - Job 2047	<p>The forms have been stripped from off of the first section of concrete on the east coffer dam. The reinforcing has been grouted in place and the forms for the second section of concrete put in position ready to be concreted to-day. At the west coffer dam, the old concrete is still being drilled and removed.</p>
Foot Bridge Dolby Dam - Job 2038	<p>The coffer dams that were built around the piers are being removed by the mill crew.</p>
White Water Pump Changes - Mill #2 Job 2048	<p>The location for the 12" Cameron pump has been laid out, and a start on the drilling for its foundation was made this morning</p>

Date: Oct. 26, 1925.

Department: Engineering.

Letter No. 23.

Subject

Remarks

Sheet No. 2.

Switchboard Extension - Mill #1
Job #1098

Work on the switchboard extension is now making better progress, as the pipe structure with the insulators all mounted is practically completed, and a portion of the copper bus bars erected in place. In all probability these copper bus bars will be connected onto the old ones this coming Sunday. A start was made this morning on the placing of the nine large cables overhead in the Generator Room, which connect the transformer station to the switchboard.

Dict. RVW

F. C. Bowler, Engineer.

Date: October 19, 1925.

Department: Engineering.

Letter No. 22.

Subject

Remarks

Water Storage

The water storage of Ripogenus and North Twin continues to rise as a result of the recent rain and snow storms. Last Monday, Oct. 12th, we had 30,237 million cubic feet on hand and this morning we have 31,835 million cubic feet, which shows a gain of 1,598 million cubic feet during the past week. To date in October, we have had 3.94 inches of rain at Ripogenus and 3.90 inches at Millinocket.

Today's report: Ripogenus Elev. 939.03 Storage 23,849 Mil.C.F.
North Twin " 484.20 " 7,986 " "
Total Storage 31,835 Mil.C.F.

Dolby Hydro Electric
Changes - Job 2037

The third new water wheel and generator (No. 2 Unit) was turned over for the first time Wednesday forenoon, Oct. 14th, and started on its drying out run at that time. This unit is now dried out, has been brought up to speed and had a small load on it. Assembly of the water wheel for No. 1 Unit is progressing very good and is practically all rough assembled. The outboard bearing is set in place and is already to be grouted. The old concrete has been excavated for the new generator pit and foundation, and the forms are built ready to be concreted to-day.

Transmission Line
Dolby to Millin-
ocket - Job 1099

At Dolby, the transformers are being dried out and in all probability they will be finished to-night. As soon as they are done, the small special transformers for drying out purposes, will be shipped to Millinocket so as to start on the transformers at this end. The cable from the transformer station to the Dolby Generator Room has been strung as also have the cable from the Generator Room to the Steel towers across the river. The cable has also been stretched from the Millinocket transformer station to the four pole structure on the opposite side of the river.

Machine Room Roof
Mill #2 - Job
2036

This job is now nearing completion as the outside walls of the fan houses have been gunited and the felt paper stretched on the roofs of same, ready to be tarred and graveled. The roof proper is completed with the exception of the flashing around the two skylights located between the fan houses, and Hahnel Bros! man is expected now any day to do this.

Repairs to Dolby
Dam - Job 2047

The first section of forms for the dam in front of the east coffer dam have been placed and the concrete poured. The old concrete on the other section is still being drilled and broken away, and is now very nearly completed. The west coffer dam has been completed and sealed with concrete.

Switchboard Ex-
tension - Mill #1
Job 1098

Work on the switchboard extension is progressing very slow at the present time, due to the fact that the General Electric crew are endeavoring to clean up the outside work on the transformer stations before the cold weather sets in.

Dict. RVW

F. C. Bowler, Engineer.

GREAT NORTHERN PAPER COMPANY
WEEKLY NEWS LETTER

Date: Oct. 12, 1925	Department: Engineering	Letter No. 21																		
Subject	Remarks																			
Water Storage.	<p>Due to another rainy week-end, the water storage of Ripogenus and North Twin continues to gain. To date, we have had 3.15 inches of rainfall at Millinocket. Due to the severe storm, causing telephone lines to be down, we have not yet received Sunday's or today's report.</p> <p>Saturday's Report:</p> <table><tr><td>Ripogenus Elev:</td><td>939.17</td><td>Storage:</td><td>24,047</td><td>Mil. Cu.</td><td>Ft.</td></tr><tr><td>North Twin "</td><td>480.90</td><td>"</td><td>5,753</td><td>"</td><td>"</td></tr><tr><td></td><td></td><td>Total Storage</td><td>29,800</td><td>"</td><td>"</td></tr></table>		Ripogenus Elev:	939.17	Storage:	24,047	Mil. Cu.	Ft.	North Twin "	480.90	"	5,753	"	"			Total Storage	29,800	"	"
Ripogenus Elev:	939.17	Storage:	24,047	Mil. Cu.	Ft.															
North Twin "	480.90	"	5,753	"	"															
		Total Storage	29,800	"	"															
Dolby Hydro-Electric Changes Job. #2037	<p>Since last Monday, the generator for No. 2 Unit has been entirely assembled on its new foundation, lined and leveled, connected to the waterwheel shaft, and the base grouted in place. The conduits for this generator have been laid and the wires pulled through and properly connected. The governor for the waterwheel has been placed on its foundation and grouted, and the oil tank set in position. A start on the oil piping is to be made today and in all probability this No. 2 Unit will be ready to turn over for the first time about Wednesday of this week. Two more columns of crane steel supports have been erected. The waterwheel for No. 1 unit is being moved into the building and a start on the erection of same has been made. The upstream draft-tube ring has been set so that the upstream draft tube bend may now be moved onto it. Also, the flume casing ring has been moved into the casing preparatory to drilling and riveting. The new concrete floor around No. 2 Unit was poured this morning.</p>																			
Transmission Line Dolby to Millinocket. Job #1099.	<p>Work on the installation of the insulators, wires, switches, etc on the Dolby transformer station is still going on. The wires from the towers to the transformer station and from the generator room to the transformer station will probably be stretched sometime this coming week. Also, the wires to the Millinocket transformer station will be stretched across the river this week, as this station is now practically completed.</p>																			
Machine Room Roof Mill #2 - Job #2036.	<p>All four of the new #10 Multivane Fans on the machine room roof are now in operation and are proving out to be very satisfactory. The Barrett flashing is being put on around the bottom of the fan houses, and a start on the guniting of the walls of the houses has been started on one of them. The tar and graveling is practically finished and the Mahnel Bros., foreman is expected to arrive tomorrow to complete the work on the two skylights between the fan houses.</p>																			
Repairs to Dolby Dam - Job. #2047.	<p>The drilling and disposing of the old concrete in front of the east cofferdam is still going on but very little has been accomplished during the last two days, due to unfavorable weather conditions. Timbers for wales and braces have been placed and some of the wood sheeting set up for the west cofferdam.</p>																			
Switchboard Ext. Mill No. 1. Job. #1098	<p>A new steel frame has been received from the General Electric Co., to replace the damaged frame of the oil circuit breakers. This circuit breaker has been installed onto the new frame and moved to its approximate position.</p>																			
	Dic. RVW.	F. C. Bowler, Engineer.																		

Great Northern Paper Company
Weekly News Letter

Date: Oct. 5, 1925	Department: Engineering	Letter. No. 20
Subject	Remarks	
<p>Water Storage.</p>	<p>The water storage of Ripogonus and North Twin continues to gain, due to the frequent rains that we have had. Since Friday, Oct. 2nd, Ripogonus has had a total of 1.06 inches, while Millinocket has had .98 inches. We have gained 215 million cubic feet since last Monday and at this writing have two billion cubic feet more on hand than a year ago this time.</p> <p>Today's report: Ripogonus Elev.: 939.60 Storage: 24,559 Mil.Cu.Ft. North Twin ". 479.40 " 4,754 " " " Total Storage: 29,313 Mil.Cu.Ft.</p>	
<p>Dolby Hydro-Elec- tric Changes, Job. #2037.</p>	<p>The No. 2 waterwheel is now entirely assembled and is very nearly in its final position. The outboard bearing has been placed and grouted, and the concrete foundations around the waterwheel are being poured today. The ring for the manhole on the flume casing is now riveted in place also. The old concrete for the generator pit has been excavated, the forms built, and the concrete poured, so that the General Electric crew have moved the generator base onto its foundation and are leveling it into position. The stator has been moved into the room ready to be placed on its base. No. 1 Unit was shut down last Monday afternoon, September 28th, and the dismantling of this unit was started the next day, September 29th. Today, this unit is dismantled and moved out of the building with the exception of the old draft tube rings.</p>	
<p>Transmission Line Dolby to Millin- ocket. Job. #1099</p>	<p>The wire on the transmission line has been pulled up and tied onto the insulators from the four pole structure opposite the Millinocket transformer station, to the steel tower opposite the generator room at Dolby. Mr. Willett, Contractor, completed this work Thursday night, October 1st. The river crossings are to be handled by the mill crews. The transformers at Dolby have been filled with oil, and the lightening arrestors have been erected. Also a start has been made on the placing of the disconnect switches, insulators, etc., on the transformer structure. At Millinocket, the lightening arrestors have been erected and the copper bus bars are nearing completion.</p>	
<p>Machine Room Roof, Mill #2 Job. #2036.</p>	<p>The fourth (and last) fan house has been practically completed, there remaining but one side to be enclosed with the Gypson Pyrobar Tiling. The fan is all set up in place, the copper housings finished, the motor installed and wired, so that this unit should be put into service now within a day or two. The expanded metal lath is now being fastened to the outside of the Gypson walls of these fan houses, preparatory to giving them the outside surfaces of gunite. The work of tar and graveling the roof is being carried on as the weather will permit.</p>	
<p>Repairs to Dolby Dam. Job #2047</p>	<p>A large section of concrete in front of the east cofferdam has been drilled and removed. A section of the flashboards has been cut out so as to let the water out of the coffer. The bottom is being cleaned out for the west cofferdam and timbers and bracing have been placed to support this. Two boilers to be used in connection with this job have been moved onto the job site, fitted up, and enclosed within a temporary building.</p>	

**Great Northern Paper Company
Weekly News Letter**

Date: Oct. 5th, 1925

Department: Engineering

Letter No. 20

Subject	Remarks
Switchboard Extension. Mill #1 Job. #1098	<p>The river wall of the generator room has been drilled and the porcelain tubes for the incoming line inserted in place.</p>
North Twin Dam. Gates. Job. #1100	<p>The installation of the new steel gates and the painting of the gears, stands, handrails, etc., was completed Tuesday night, September 29th.</p>
<p>North Twin Dam. Gates. Job. #1100</p> <p>North Twin Dam. Gates. Job. #1100</p> <p>North Twin Dam. Gates. Job. #1100</p>	<p>The installation of the new steel gates and the painting of the gears, stands, handrails, etc., was completed Tuesday night, September 29th.</p> <p align="center">Dic. RVW. F. C. Bowler, Engineer.</p>
<p>North Twin Dam. Gates. Job. #1100</p> <p>North Twin Dam. Gates. Job. #1100</p> <p>North Twin Dam. Gates. Job. #1100</p>	<p>The installation of the new steel gates and the painting of the gears, stands, handrails, etc., was completed Tuesday night, September 29th.</p>
<p>North Twin Dam. Gates. Job. #1100</p> <p>North Twin Dam. Gates. Job. #1100</p> <p>North Twin Dam. Gates. Job. #1100</p>	<p>The installation of the new steel gates and the painting of the gears, stands, handrails, etc., was completed Tuesday night, September 29th.</p>
<p>North Twin Dam. Gates. Job. #1100</p> <p>North Twin Dam. Gates. Job. #1100</p> <p>North Twin Dam. Gates. Job. #1100</p>	<p>The installation of the new steel gates and the painting of the gears, stands, handrails, etc., was completed Tuesday night, September 29th.</p>

Weekly News Letter

Department: Engineering.

Letter No. 19.

Subject	Remarks									
Water Storage	<p>The Water Storage of Ripogenus and North Twin has continued to hold up during the past week, gaining 27 million cubic feet since last Monday. We now have one billion cubic feet more of water on hand than was had last year at this time. On Sunday, Sept. 27th, we had .60 inches of rain at Millinocket and .67 inches at Ripogenus making a total of 5.09 at Millinocket and 5.90 at Ripogenus for the month of September to date. Two gates at Ripogenus are open six feet each.</p> <table><tr><td>To-day's Report</td><td>Ripogenus Elev. 940.62</td><td>Storage 25,788 M.C.F.</td></tr><tr><td></td><td>North Twin " 477.20</td><td>" 3,310 "</td></tr><tr><td></td><td></td><td>Total 29,098 "</td></tr></table>	To-day's Report	Ripogenus Elev. 940.62	Storage 25,788 M.C.F.		North Twin " 477.20	" 3,310 "			Total 29,098 "
To-day's Report	Ripogenus Elev. 940.62	Storage 25,788 M.C.F.								
	North Twin " 477.20	" 3,310 "								
		Total 29,098 "								
Dolby Hydro Electric Changes - Job 2037	<p>The third unit at Dolby has been completely dismantled and placed outside and the installation of the third water wheel was started on Thursday, Sept. 24th. At this writing the upstream draft bend and runner, the middle bearing and the outboard runner have been moved into their approximate positions. Also the ring has been placed into the flume casing and the lower half of the head bolted to it. Holes for the anchor bolts on the outboard bearing have been drilled and the old concrete foundations are being drilled and carried away. The fire pump has been relocated to its new position, has been tried out, and is working all right.</p>									
Transmission Line Dolby to Millinocket - Job 1099	<p>The wire cable has been pulled up in place and tied onto the insulators all of the way down to the head of the big cove below Jerry Brook, about three miles. The cable has been unreeled and stretched on the ground the remainder of the distance to Dolby. At Millinocket the insulators, choke coils, oil and disconnect switches are being placed in their proper positions on the transformer station. The three transformers have been filled with the special transformer oil after all of the moisture had been expelled from it by a special filtering machine. At Dolby, a temporary shack has been built in which to filter the oil for the transformers at that end.</p>									
Machine Room Roof Mill #2 Job 2036	<p>The two fans on the wet end of the machine room roof are running and the fan and fan house over the dry end of #1 and #2 is nearing completion. The old wooden monitor over #3 and #4 is being demolished so that a start may be made on the erection of the steel for the last fan house some time this week. Another section of the roof has also been tarred and graveled.</p>									
Repairs to Dolby Dam - Job 2047	<p>One of the two coffer dams to be built between the log sluice and the grinder room has been completed, and a crew of men are hard at working drilling and chipping out the crest of the old dam at this point. The forms for the new concrete are now being built by the carpenters.</p>									
Switchboard Extension. Mill No. 1 Job 1098	<p>The General Electric Crew have been working the entire week on the transformer station so that except for the erection of a few disconnect switches and some brackets, very little has been done on the switchboard at this Mill.</p>									

Date: Sept. 23, 1925.

Department: Engineering.

Letter No. 19.

Subject	Remarks	Sheet No. 2.
North Twin Dam Gates - Job 1100	<p>The last of the new steel gates has been assembled and lowered into place. This job will in all probability be finished the latter part of this week as there remains only a few odd jobs to do now.</p> <p>Mr. Whitcomb, Manager, visited the Mills at Madison, Millinocket, East Millinocket and Dolby last week, accompanied by Mr. McKay.</p> <p>Mr. George Barton of Rice, Barton & Fales Co., together with Mr. Start of the same Company, visited Millinocket on Wednesday and Thursday of last week in connection with the new paper machine for this mill.</p>	Dict. RVW F. C. Bowler, Engineer.
Transmission Line Dolby to Millinocket - Job 1099	<p>The wire cable has been pulled up in place and tied onto the insulators all of the way down to the head of the big cove below Jerry Brook, about three miles. The cable has been unreeled and stretched on the ground the remainder of the distance to Dolby. At Millinocket the insulators, choke coils, oil and disconnect switches are being placed in their proper positions on the transformer station. The three transformers have been filled with the special transformer oil after all of the moisture had been expelled from it by a special filtering machine. At Dolby, a temporary shack has been built in which to filter the oil for the transformers at that end.</p>	
Machine Room Roof Mill #1 Job 1036	<p>The two fans on the wet end of the machine room roof are running and the fan and fan house over the dry end of #1 and #2 is nearing completion. The old wooden sculler over #3 and #4 is being demolished so that a start may be made on the erection of the steel for the last fan house some time this week. Another section of the roof has also been tarred and graveled.</p>	
Engine to Dolby Dam - Job 1047	<p>One of the two miller dams to be built between the log sluice and the grinder room has been completed, and a crew of men are hard at working drilling and shipping out the crest of the old dam at this point. The dams for the new concrete are now being built by the carpenters.</p>	
Switchboard Extension, Mill No. 1 Job 1098	<p>The General Electric crew have been working the entire week on the transformer station so that except for the erection of a few disconnect switches and some brackets, very little has been done on the switchboard at this Mill.</p>	

Great Northern Paper Company
Weekly News Letter

Date: Sept. 21, 1925.

Department: Engineering.

Letter No. 18.

Subject	Remarks
<p>Water Storage</p>	<p>The water storage of Ripogenus and North Twin has held up very good during the past week, losing but 65 million cubic feet since last Monday. We have just exactly the same amount of water storage on hand to-day as we had one year ago this time, and six billion cubic feet more than was had in 1923. A rainfall of .64 inches and 1.12 inches was recorded at Ripogenus and Millinocket respectively on Sunday the 20th.</p> <p>Te-day's report: Ripogenus Elev. 940.92 Storage 26,151 Mil. C.F. North Twin " 476.60 " 2,920 " " Total storage 29,071 " "</p>
<p>Dolby Hydro Electric Changes Job #2037</p>	<p>The #3 Unit at Dolby was turned over for the first time on Tuesday, Sept. 15th and was put into service Saturday afternoon, Sept. 19th, three weeks ahead of scheduled time. As we completed the first unit one week ahead of time this means that we bettered the time for the installation of the 2nd unit itself by two weeks. The new steel gates for #1 & #2 generator flumes are installed in their guides ready for the racks. No. 2 unit was shut down yesterday and work on the dismantling of same was started this morning. No. 1 Unit is still running but is only idling, so that the two new units are carrying the entire load. The water wheel parts for the last two Units have all been received and are being unloaded, and cleaned ready for installation. The new foundation for the centrifugal fire pump has been poured and the pump moved onto it and is now ready to be lined.</p>
<p>Transmission Line Delby to Millinocket - Job 1099</p>	<p>The wire has been stretched, pulled up in place and practically all tied onto the insulators from Millinocket down to the main channel of the river. The wires have also been unreeled and laid on the ground for approximately another 1-1/2 miles.</p>
<p>Machine Room Roof Mill No. 2 Job 2036</p>	<p>The two fan houses on the wet end have now been housed in with the Gypsum Pyrebar tiling, and the steel for the fan house over the dry end of #1 and #2 has been erected.</p>
<p>Repairs of Dolby Dam - Job 2047</p>	<p>The timbers and sheeting for the coffer dams have been received, unloaded, and hauled to the job, and are now being framed and put in place. Sand and gravel is also being hauled to the job site. Two boilers have also been received in connection with this work and have been unloaded.</p>
<p>Cameron Pressure Pumps - Mill #1 Job 1096</p>	<p>This job has now been completed and has been in service since Monday, Sept. 14th, and is giving very good results.</p>
<p>Switchboard Extension- Mill #1 Job 1098</p>	<p>Now that the 2nd unit at Dolby is in operation, the General Electric Crew have again transferred back to the Millinocket switchboard. The pipe structures underneath the platform are being erected, and the five new slate panels have been stood up in place on the platform.</p>

Date: Sept. 21, 1925.

Department: Engineering.

Letter No. 18

Subject	Remarks	Page No. 2
<p>North Twin Dam Gates - Job 1100</p>	<p>Four of the six new deep gates have been installed and put into operation and another old wooden gate is now being torn out so as to install the fifth one.</p> <p>Mr. Rogers of the General Electric Company, arrived in Millinocket Wednesday morning in connection with the G.E. Paper Machine drives.</p> <p>Dict. RWB F. C. Bowler, Engineer.</p>	

Great Northern Paper Company
Weekly News Letter

Date: Sept. 14, 1925.

Department: Engineering.

Letter No. 17.

Subject

Remarks

Water Storage

During this past week end, we have experienced a nice rainfall at Millinocket and Ripogenus, namely 2.41 inches at the former and 3.43 inches at the latter since Friday, Sept. 11th. Both Ripogenus and North Twin Lakes are rising as a result and have gained 423 million cubic feet in storage since last Friday.

To-day's Report: Ripogenus Elev. 940.33 Storage 25,436 Mil Cu. Ft.
North Twin " 477.80 " 3,700 " " "
Total Storage 29,136 " " "

Dolby Hyde Electric Changes.
Job 2037.

The manhole frame has been riveted onto the waterwheel casing and the joints are now ready to be caulked. The governor has been moved into its position and grouted and is now being adjusted for operating conditions. The conduits for the next two machines have been extended and the new concrete floor around the second unit has now been poured as well as the steps leading down into the pit. The generator and exciter are all lined, leveled, and grouted in place and the necessary wire connections are being made to-day. In all probability this unit will be turned over for the first time, sometime to-morrow, or Wednesday. The centrifugal fire pump in the generator room has been removed and its concrete base is practically all chipped away preparatory to placing the pump in its new position. The waterwheels for the next two units have been completely shipped, the first car being shipped on the 5th, the second on the 10th, the third on the 11th and the final car on the 12th. The first car, that was shipped Sept. 5th from Philadelphia, was received at Dolby Friday, September 11th, and is unloaded.

Transmission Line
Dolby to Millinocket - Job 1099

A start has been made on the actual stringing of the transmission line wires, and starting at the Millinocket end, one mile of it is completed, that is, stretched and tied onto the insulators. The wire is also strung for the next half mile already to be tied onto the insulators. At Dolby the hard pine structure around the transformers has been framed together.

Machine Room Roof
Mill No. 2
Job 2036

The new fan over the wet end of #1 and #2 dryers has been put in operation, and the old fan over the dry end torn out, so that a start can be made on the erection of the steel for the new fan house on that end at once. The copper uptakes are being assembled on the fan over the wet end of #3 and #4 paper machines.

Foot Bridge Dolby
Dam - Job 2038

All three piers have now been completed and the walkway patched. The flashboards at these points are being replaced and the coffer dams can now be removed from around the piers.

Repairs of Dolby
Dam - Job 2047

Two carloads of sheeting and timbers for the construction of a coffer dam, have been received at Dolby.

Cameron Pressure
Pumps - Mill No. 1
Job 1096.

The electricians have completed their work on the motors and the pipers have changed over two of the grinder lines to the new system. This system is to be put into operation at four o'clock this afternoon.

Date: Sept. 14, 1925.

Department: Engineering.

Letter No. 17.

Subject

Remarks

Page No. 2.

Switchboard Extension - Mill #1
Job 1098.

Nothing further has been done on the switchboard extension at this mill, due to the fact that the General Electric Crew have resumed their work at Dolby in order to get the generator and exciter for the second unit in readiness to go on the line.

North Twin Dam
Gates Job 1100

The first of the deep gates has been completely installed and put in service, and the second one is very nearly ready to go in service also. The painting of the old gears, stands, etc. is progressing very good.

Dolby Hydr. Electr.
via Springfield
Job 1099.

Messrs. Stafford and Start of Rice, Barton & Fales arrived in Millinocket to-day to discuss the plans for the new paper machine at this mill.

The materials for the next two machines have been ordered and the new concrete floor around the existing unit has now been poured as well as the steps leading down into the pit. The machinery and rollers are all lined, leveled, and grouted in place and the necessary wire connections are being made to-day. In all probability this work will be turned over for the first time, sometime to-morrow, or Wednesday. The electrical drawings for the machine are being prepared by the engineer. The materials for the next two units have been completely shipped, the first one being shipped on the 10th, the second on the 11th, the third on the 12th and the final one on the 13th. The first one, which was shipped Sept. 10th from Philadelphia, was received at Dolby Friday, September 12th, and is unloaded.

Dict. RVW

F. C. Bowler, Engineer.

Transmission Line
Dolby to Millinocket
Job 1101

A start has been made on the actual stringing of the transmission line along, and starting at the Millinocket end one mile of it has been completed, that is, strung and tied onto the insulators. The wire is also strung for the next half mile already so the wire will be laid down. At Dolby the steel pole structure around the transformers has been fixed together.

Machine Room Work
Mill No. 1
Job 1096

The new fan over the wet end of #1 and #2 dryers has been put in operation, and the old fan over the dry end turned off, so that a start can be made on the erection of the steel for the new fan house on that end of mill. The support rollers are being installed on the fan over the wet end of #1 and #2 paper machines.

Foot Bridge Dolby
Job - Job 1102

All three plans have now been completed and the railway widened. The foundations at these points are being completed and the roller gear can now be removed from around the plans.

Repairs of Dolby
Job - Job 1097

Two orders of shoring and blocking for the construction of a roller case, have been received at Dolby.

General Foreman
Dolby - Mill No. 1
Job 1098.

The electricians have completed their work on the motor and the pipes have changed over to the grinder line on the new system. This system is to be put into operation at four o'clock this afternoon.

Great Northern Paper Company
Weekly News Letter

Date: Sept. 8, 1925..

Department: Engineering

Letter No. 16.

Subject	Remarks
<p>Water Storage</p>	<p>The water storage of Ripogenus and North Twin is still dropping, losing 2,631 million cubic feet, since last Monday.</p> <p>To-day's Report: Ripogenus Elev. 941.00 Storage 26,250 Mil. Cu. Ft. North Twin " 476.75 " <u>3,017</u> " " " 29,267 " " "</p> <p>Due to the fact that North Twin was dropping so fast and was so low, another gate was opened 3 feet at Ripogenus last Thursday. On Friday they were both opened 3 feet more, so that now we have two gates open 6 feet each.</p> <p>Rain at Ripogenus for month of August 1.05 inches. " at Millinocket " " " 1.00 "</p>
<p>Dolby Hyde Electric Changes Job 2037</p>	<p>The water wheel for the second unit is all assembled, bolted and riveted together, and practically, all lined and leveled into its final position. The generator is now being assembled. The base and stator are in position and the rotor has been brought in and blocked up into its approximate position, so that the pedestals can be slipped into place and the generator lined and levelled as soon as the couplings are ready. The conduits for this generator have been laid and the cables pulled through ready to be connected. The concrete floor and pits around the water wheel have been poured and a start on the forms for the stairs leading into the pit was made to-day. The gates for the next generator flumes are being hauled up the embankment, getting ready to install them. Mr. G. V. Salle, District Manager of the Foundation Company, visited Millinocket and Dolby on Tuesday, Sept. 1st.</p>
<p>Transmission Line Dolby to Millinocket - Job 1099</p>	<p>At Dolby, the step-up transformers have been moved down onto their foundations and the shoes removed from under them. The eight poles for the structure around these transformers have been erected. A timber structure has been erected on the roof to take the wires from the transformers to the steel transmission line towers. The cross-arms have all been bolted in place onto the poles, and the poles at the angles and crossings have been properly guyed, so that work on the wire itself may soon be started now.</p>
<p>Machine Room Roof - Mill #2 Job 2036</p>	<p>The fan over the wet end of #1 and #2 paper machine dryers is all erected, the motor set and belted up. The copper up-takes are practically finished and this fan will in all probability be started up sometime to-morrow. The fan for over the wet end of #3 and #4 has been moved into its house and placed on its foundation.</p>
<p>Foot Bridge Dolby Dam Job 2038</p>	<p>The concrete for two of the piers have been poured and the forms stripped from off one of them. The forms for the third pier is now being built.</p>
<p>Sheahan Rope Carrier Mill #2</p>	<p>The Sheahan rope carrier equipment for #1 paper machine at East Millinocket was installed on last Sunday, Sept. 6th. It was put into service this morning and started off very good.</p>

Date: Sept. 8, 1925.

Department: Engineering

Letter No. 16

Subject	Remarks
Cameron Pressure Pumps - Mill #1 Job 1096	The electricians are hard at work connecting up the motors for these pumps, and the painters have completed the painting of the piping and equipment.
Switchboard Extension Mill #1 Job 1098	The remainder of the switchboard equipment for the Millinocket switchboard has been received. Preliminary work, such as the setting of the slate base for the switchboard panels, drilling holes for the pipe structure, etc., has been done during the past week.
North Twin Dam Gates Job #1100	The two log sluice gates have now been installed, and are in use. The first of the old wooden deep gates has been hauled out and the new steel one is being installed, and will be completed the latter part of this week.
	<p>Dict. RVW F. C. Bowler, Engineer.</p>

Great Northern Paper Company
Weekly News Letter

Date: August 31, 1925.

Department: Engineering.

Letter No. 15.

Subject	Remarks
Water Storage	<p>The Water Storage at Ripogenus and North Twin continues to drop, losing 1,720 Million Cubic Feet since last Monday.</p> <p>To-day's Report: Ripogenus Elev. 942.50 Storage 28,100 Mil. Cu. Ft. North Twin " 477.95 " <u>3,798</u> " " "</p> <p style="text-align: right;">Total Storage 31,898 Mil Cu. Ft.</p>
Dolby Hydro Elec- tric Changes Job 2037	<p>The water wheel for the second unit is practically all assembled into its approximate positions, and various holes are now being drilled and reamed so as to pull the parts together. Progress on this has been very good. The pit for the generator has been entirely excavated and the forms for the foundation completed. Concrete will be poured to-day. Excavation for the oil pipe trenches is also being made. Conduit for the generator is being laid. Braces have been bolted on to the roof trusses in the generator room for strengthening purposes.</p>
Transmission Line - Dolby to Millinocket Job 1099	<p>Erection of the poles for the transmission line was completed on Friday, August 28th and the cross arms should be completed by Wednesday or Thursday of this week. The transformer station at Millinocket has been entirely assembled and riveted, and the four pole structure across the river from it, has been erected also. The transformers for the transformer station at Dolby are being moved down onto the foundations, one of them now being in place.</p>
Machine Room Roof Mill No. 2 Job 2036	<p>The exhaust fans have been received from B. F. Sturtevant Company, and one of them is now being assembled over the wet end of #1 and #2 paper machines.</p>
Foot Bridge Dolby Dam Job 2038	<p>Two of the old piers have been removed from the dam entirely and a new form and reinforcing for one of these is all built. They have started drilling so as to place the reinforcing rods and forms on the second one. The water is being syphoned out of a coffer dam around the third one, preparatory to drilling and breaking away the old pier.</p>
Dam Repairs Mill #2-Job 2043	<p>A derrick is being framed out of timbers, to handle the work at the dam.</p>
Cameron Pressure Pumps - Mill #1 Job 1096	<p>The large piping on this installation has been completed and there now remains the task of removing the strainers from the present to the new positions, and making the new governor connections.</p>
North Twin Dam Gates Job 1100	<p>Work was started at the Dam last Monday, August 24th. The eight steel gates were received and unloaded at the dam Wednesday, the 26th. The first gate to be changed (one of the log sluice gates) is now nearing completion, and the steel racks for the second one are in the machine shop being planed.</p>

Date: August 31, 1925.

Department: Engineering.

Letter No. 15.

Subject

Remarks

Page No. 2

Switchboard
Extension -
Mill No. 1
Job 1098

The General Electric Company's crew have caught up with their work at Dolby for the present, and so moved up to Millinocket on Wednesday last, to start work on the switchboard extension at this mill. The oil circuit breaker to be used in connection with this job was received from the General Electric Company, to-day, but in a damaged condition, evidently from rough usage by the freight company. The switches, etc. will have to be dismantled and the steel frame straightened before it can be used.

Mr. Bowler was at the Madison Mill on Wednesday, August 26th, to discuss the tentative plans for a piling out conveyor in the Mill Yard, with Mr. Schenck.

F. C. Bowler
F. C. Bowler, Engineer.

Dict. RVW

F. C. Bowler, Engineer.

Great Northern Paper Company

Weekly News Letter

Date: Aug. 24, 1925.

Department: Engineering.

Letter No. 14.

Subject	Remarks
Water Storage	<p>The Water Storage at Ripogenus and North Twin continues to drop, losing 1,263 Million Cubic Feet since last Monday. At this writing we have about one half a million cubic feet less than in 1924 at this time.</p> <p>To-day's Report: Ripogenus Elev. 942.58 Storage 28,200 Mil. C. Ft. North Twin " 480.40 " 5,418 " " " Total Storage 33,618 " " "</p>
Dolby Hydro-Electric Changes Job 2037	<p>The old water wheel on the second unit has been dismantled and placed outside of the building and the generator is dismantled and is now being hauled away. The upstream draft tube ring has been set in place and is ready to be grouted and the draft tube bend has been moved into the building ready for installation. The motor-generator exciter set and the battery charging set have been installed in their respective location. A temporary house is being erected at the far end of the grinder room in which to house the batteries.</p>
Transmission Line Dolby-Millinocket - Job 1099	<p>Both of the steel towers at Dolby have now been erected and riveted, and the steel for the transformer station at Millinocket has been erected and is now ready to be riveted. Erection of the poles is progressing very good despite the fact that considerable trouble has been experienced in the digging of the holes, due to water and ledges of rock. A start on the cross-arms has also been made, these now being quite a long stretch on the Millinocket end that are bolted on to the poles.</p>
Machine Room Roof - Mill #2 Job 2036	<p>The structural steel for the fan house over the wet end of the #3 and #4 paper machine dryers has been erected and the forms for the concrete floor are built. The concrete floor in the house over #1 and #2 machines has been poured and the Gypsum Pyrobar for its roof laid in place.</p>
Trimbey Mixing System - Mill #2 Job 2002	<p>As anticipated in last week's letter, the Mixing System was put into operation this morning, and at this writing is apparently working all right.</p>
Foot Bridge Dolby Dam Job 2038	<p>Drilling and chipping on one of the piers of the foot bridge is now going on, and another one is being shored up preparatory to removing it.</p>
Cameron Pressure Pumps - Mill #1 Job 1096	<p>The three pumps in the grinder room have been lined and leveled and are now ready to be grouted. The pipers are making good progress.</p>
North Twin Dam Gates - Job 1100	<p>Mr. Chaisson, Erector, arrived in Millinocket August 19th, the gates being shipped from Portland the day before, the 18th. A carload of material and equipment was shipped from here Saturday, and work was started at the dam this morning.</p>

Date: Aug. 24, 1925. Department: Engineering.

Letter No. 14.

Subject	Remarks	Page No. 2
Switchboard Extension - Mill No. 1, Job 1098	The switchboard material for the Millinocket switchboard extension was shipped from Schnectady, N. Y. on Thursday, August 20th.	
Dolby Motor-Generator and Storage Job 2037	<p>Dict. RVW F. C. Bowler, Engineer.</p> <p>The motor-generator and the battery charging set have been installed in their respective location. A temporary house is being erected at the far end of the grinder room in which to house the batteries.</p>	
Transmission Line Dolby-Millinocket - Job 1099	Both of the steel towers at Dolby have now been erected and riveted, and the steel for the transformer station at Millinocket has been erected and is now ready to be riveted. Erection of the poles is progressing very good despite the fact that considerable trouble has been experienced in the digging of the holes, due to water and ledges of rock. A start on the cross-arms has also been made, these now being quite a long stretch on the Millinocket end that are bolted on to the poles.	
Machine Room Roof - Mill #2 Job 2036	The structural steel for the fan house over the wet end of the #3 and #4 paper machine dryers has been erected and the forms for the concrete floor are built. The concrete floor in the house over #1 and #2 machines has been poured and the Gypsum Pyrobar for its roof laid in place.	
Triebay Mixing System - Mill #2 Job 1002	As anticipated in last week's letter, the Mixing System was put into operation this morning, and at this writing is apparently working all right.	
Rock Bridge Dolby Dam Job 2038	Drilling and shoring on one of the piers of the first bridge is now going on, and another pier is being shored up preparatory to removing it.	
Concrete Pressure Pipes - Mill #1 Job 1095	The three piers in the grinder room have been lined and leveled and are now ready to be grouted. The piers are making good progress.	
North Twin Dam Gates - Job 1100	Mr. Chalmers, Engineer, arrived in Millinocket August 19th, the gates being shipped from Portland the day before, the 18th. A carload of material and equipment was shipped from here Saturday, and work was started at the dam this morning.	

Great Northern Paper Company
Weekly News Letter

Date: Aug. 17, 1925.

Department: Engineering.

Letter No. 13

Subject	Remarks
Water Storage	<p>During the past week the water storage of North Twin and Ripogenus has continued to drop, losing 755 million cubic feet since last Monday.</p> <p>To-day's Report: - Ripogenus Elev. 942.84 Storage 28,525 Mil. C.F. North Twin " 481.80 " 6,356 " " Total Storage 34,881 " "</p>
Dolby Hydro-Electric Changes Job 2037	<p>The first unit was put on the line with a light load on last Friday August 14th which bettered our schedule time by one week. The unit was running 45 per cent gate opening on the water wheel this morning and the generator was delivering 1100 Kilowatts. The new steel gate in #3 generator flume has been installed and the generator&wheel was shut down Saturday the 15th. The steel for the new traveling crane has been extended, and a trolley over the waterwheel end erected so that all is now in readiness to start dismantling this second unit. The fourth and last generator (with exciter) was received from the General Electric Co. on Wednesday and Thursday the 12th and 13th respectively. Mr. G. V. Salle, District Manager of the Foundation Company called on us Friday, the 14th.</p>
Transmission Line Dolby-Mill- inocket Job 1099	<p>The work on the right-of-way, with the exception of the burning of the brush, has now been completed. The acreage cleared in the entire length of this cut is 50.34 acres and the total amount of wood cut into four-foot lengths and piled is 1162.95 cords, of which 413.18 cords are pulp wood. One hundred and thirty-five of the poles are now erected which takes us clear to the head of the "logjam." The cross arms have been received, treated with Protexol Wood Preservative, and are now being distributed on the line. The transformers (and oil for same) for the transformer station at Dolby were received last Wednesday and Thursday, Aug. 12th and 13th respectively. The transformers for the step-down station at Millinocket have been located on their foundations and a start on the erection of the steel was made to-day. The concrete around the base of the middle tower is poured and the steel is to be riveted to-day. The angle tower on the opposite shore is now practically erected.</p>
Machine Room Roof Mill #2, Job 2036	<p>Ten of the twelve roof skylights are all flashed and erected in place. The structural steel for the fan house over the wet end of #1 and #2 dryers is all erected and a start on the one over the wet end of #3 and #4 was made this morning. One of the 50 H.P. motors for driving the new fans has arrived, together with the compensators for starting same.</p>
Trimbey Mixing System - Mill #2 Job 2002	<p>The large piping on the Trimbey Mixing System is all completed and there remains only some of the smaller piping to install, which should be cleaned up by the end of the week. The erector for the Griley-Unkle People arrived at East Millinocket Thursday, Aug. 13th, and installed the attachments on the beaters. At this writing it is expected that this system will be ready to put in service one week from to-day, August 24th.</p>

Date: Aug. 17, 1925.

Department: Engineering.

Letter No. 13.

Subject	Remarks	Page No. 2.
#7 Loading Trestle Mill #2 - Job 2039	Work on this loading trestle was completed last Monday night, August 10th.	
Foot Bridge Dolby Dam Job 2038	Coffer Dams around the piers of the foot bridge are being built.	
Switchboard Extension - Mill #1 Job 1098	The steel for the extension of the switchboard platform has been erected and the concrete floor poured. The structural steel and hard pine supports for the incoming wires overhead, have also been erected.	
Cameron Pressure Pumps - Mill #1 Job 1096	The three 1600 gallon pressure pumps have been unloaded and placed on their platform ready to be lined and leveled. Now that the pumps have arrived the pipers can go at the remainder of this installation in earnest and in all probability will have it completed in two weeks time.	
Transmission Line Dolby-Mill- Inches Job 1099	<p>The work on the high-voltage line of the tapping of the line, has now been completed. The line is now in the hands of the line men for the final inspection. The line is now in the hands of the line men for the final inspection. The line is now in the hands of the line men for the final inspection.</p> <p>Dict. RVW</p> <p style="text-align: right;">F. C. Bowler, Engineer.</p>	
Machine Room Roof Mill #2, Job 2038	One of the twelve roof skylights are all floated and erected in place. The structural steel for the fan house over the wet end of #1 and #2 is all erected and a start on the one over the wet end of #1 and #2 was made this morning. One of the 30 H.P. motors for driving the new fans has arrived, together with the corresponding fan starting boxes.	
Trilley Mining System - Mill #2 Job 2035	The large piping on the Trilley Mining System is all completed and there remains only some of the smaller piping to install. Work should be cleaned up by the end of the week. The workers for the Trilley-Mills People arrived at East Hillmanest Thursday, Aug. 10th, and installed the attachments on the beaters. At this writing it is expected that this system will be ready to put in service next week from today, August 24th.	

Great Northern Paper Company
Weekly News Letter

Date: Aug. 10, 1925.

Department: Engineering.

Letter No. 12.

Subject	Remarks
Water Storage	<p>During the past week the total storage in North Twin and Ripogenus has dropped 458 million cubic feet. However, we have approximately one and a third billion cubic feet more water on hand to-day, than a year ago this time.</p> <p>To-day's Report: Ripogenus Elev. 942.82 Storage 28,500 Mil. Cu.Ft. North Twin " 482.95 " 7,136 " " " Total Storage 35,636 Mil. Cu.Ft.</p>
Dolby Hydro-Elec- tric Changes Job 2037 <i>No 4 wheel & Generator started up (no load) at 1 P.M. Drying out generator. Everything apparently in good shape</i>	<p>The concrete floor in the pit of the first unit was poured on Thursday last. Piping for the central oiling system has been completed, the couplings of the waterwheel and generator shafts pulled together, and everything is now in readiness to give this unit its first turn over to-day. Erection of the crane steel has been resumed in the old generator room now that the brick wall has been removed. The new steel gate for #3 generator flume has been hauled up on the embankment, assembled, and will be dropped in place in a day or two. Mr. Haskell of the General Electric Company visited Dolby on August 6th. The third generator was received and unloaded at Dolby on August 6th and the fourth one with the direct connected exciter, was to be shipped on August 5th.</p>
Transmission Line Dolby-Mill- inocket. Job 1099	<p>Erection of the middle steel tower on the ledge has been completed and is now ready to be riveted together. The forms for the concrete foundations and protection walls on this tower are now being built. The anchor bolt holes for the triangular tower on the opposite shore have been drilled and a start on the erection of the steel will be made to-day. The concrete base for the transformer station at the Millinocket end of line has also been poured. The cutting of the right-of-way has been completed and practically all of the wood cut and piled. The poles are now being erected on Webber's land and very good progress has been made on the erection of these to date.</p>
Machine Room Roof Mill #2 - Job #2036	<p>The three skylights over the dry end of the paper machines have been properly flashed and erected, and the remainder have been assembled ready for glassing. A start has been made on the erection of the structural steel for the fan house over the wet end of the dryers on #1 and #2 paper machines.</p>
Trimbey Mixing System - Mill #2 Job #2002	<p>The piping on this installation is coming along very good now, and at this writing we expect the pipers to complete their work in about a weeks time. Mr. Bowler wired the Griley-Unkle People, to have their erector at East Millinocket on Thursday or Friday of next week.</p>
#7 Loading Trestle - Mill #2 - Job #2039	<p>Work was started on the replacement of #7 loading trestle with Protexol treated timbers, on Monday the 3rd. This morning, the Mill Work on this job was practically completed, there being only a small section of guard rails to install.</p> <p><i>Completed tonight</i></p>

Date: August 10, 1925. Department: Engineering.

Letter No. 12.

Subject	Remarks	Sheet No. 2
Foot Bridge Dolby Dam Job #2038	<p>A coffer dam has been built around one of the piers of the foot bridge with the assistance of a diver, and is now being chinked water tight with coal ashes.</p>	
Switchboard Extension - Mill #1 Job #1098	<p>At Millinocket, the centrifugal fire pump in the generator room has been moved forward into its new location, to make room for the extension of the switchboard.</p>	
Cameron Pressure Pumps - Mill #1 Job #1096	<p>The three 1600 gallon per minute, direct connected, Cameron, pressure pumps for the grinder room were received here to-day, August 10th.</p>	
North Twin Dam Gates - Job 1100	<p>The steel gates for the North Twin Dam are to be shipped by the Portland Company on August 17th. We have issued a requisition for the services of Mr. Chaisson of the Portland Company to superintend the installation of these gates.</p>	
	<p>Mr. Ogden Minturn and his assistant, Mr. Babbitt, called at Millinocket on August 7th with reference to Vacuum Dryers.</p>	
Dict RVW	F. C. Bowler, Engineer.	

August 3, 1925.

Department: Engineering.

Letter No. 11

Subject	Remarks
<p>Water Storage</p>	<p>Total storage in North^{Twin} and Ripogenus has dropped 289 million cubic feet during the past week. To-day we have in storage one billion cubic feet more than on August 3, 1924 and four and one-half billion cubic feet more than we had on August 3, 1923.</p> <p>To-day's Report: Ripogenus Elev. 942.67 Storage 28,312 Mil North Twin " 483.90 " 7,782 " Total Storage 36,094 Million Cubic Feet.</p> <p>July rainfall at Millinocket 3.21". At Ripogenus 2.79".</p>
<p>Dolby Hydro-Electric Changes Job 2037.</p>	<p>The new Pyrobar roof on the North portion of the building including waterproofing and flashing skylights is completed. The temporary roof over old generator room has been removed. The brick wall between the old generator room and the new unit is removed. The new water wheel and new generator with its exciter are all lined up and grouted in place. Oil piping for governors now being installed. Oil pumps and tanks are located and secured in place. Temporary partition is completed and wires and cables between the switchboard and the new generator are being pulled into conduit. Concrete foundation for motor generator set has been poured. New concrete floor around generator will be placed to-day or to-morrow. One of the 1300 K.W. generators arrived last week and has been unloaded. The first^{car load} of the second water wheel unit has arrived.</p>
<p>Transmission Line Dolby to Millinocket. Job 1099 <i>Final accept 50.34</i></p>	<p>A car load of wire for this transmission line was received this morning. Structural steel for the towers at Dolby has been received and is being taken across the river. The cutting of the right-of-way is now completed and we expect to finish cutting up and piling four-foot wood this week. Poles are erected from the Millinocket Mill as far as the Penobscot River. Structural Steel for the outdoor transformer station at Millinocket is now being placed.</p>
<p>Machine Room Roof - Mill #2. Job 2036</p>	<p>This roof has been all planked except the area now occupied by the exhaust fan monitors. New skylights for this roof are now being assembled.</p>
<p>Trimbeay Mixing System - Job 2002</p>	<p>The Mixer has been installed on its platform in the Screen Room, ground wood supply and overflow piping installed, and a large part of the other piping completed.</p>
<p>Heating and Ventilating System - Job 2040</p>	<p>The hot air duct in the machine room has been erected so that this job is practically completed.</p>
<p>Foot Bridge Dolby Dam - Job 2038</p>	<p>Mr. Burr secured from the Foundation Company the services of a diver who arrived on Friday, July 31st, who is now installing the under water work for coffer dams around the bridge piers.</p> <p>Dict FCB Signed <i>JCB</i></p>

July 27, 1925 .

Department: Engineering.

Letter No. 10

Subject	Remarks
Water Storage	<p>During the past week the water storage of Ripogenus and North Twin has shown a tendency to fall off a little.</p> <p>Today's Report: Ripogenus Elev. 943.33 Storage 29,145 Mil. North Twin " 483.10 " 7,238 " Total Storage 36,383 Million Cubic Feet.</p>
Dolby Hydro-Electric Changes Job 2037.	<p>On Tuesday last, we opened one gate at Ripogenus to six feet again and on Friday opened it up four feet more, now having one full gate open at this writing. Mr. Robertson of the Spruce Wood Department was in Millinocket last Monday.</p> <p>The governor for the new waterwheel has been located and grouted into its proper position, also the two motor driven oil pumps, oil sump tanks and oil pressure tank have been located in their final positions. This morning a ring was riveted onto the casing of the waterwheel for the new manhole. Erection of the oil switches, current and potential transformers, rheostats, etc. are practically completed and a start on the pulling of the wire will be made in a day or two. The switchboard proper, consisting of the slate panels, switches, meters, etc. has been erected, and work has now been resumed on the assembly of the generator. The temporary partition which encloses the first unit is very nearly completed, there remaining but a small section around the top and some paneling to do. The Gypsum Pyrobar tiling on the new roof was completed Thursday morning, and the five ply of waterproofing has been applied and about one-quarter of it tarred and graveled this morning. The skylight over the new generator has been assembled and erected on its curbing and the other one has been assembled and will be erected as soon as the curbing has been properly flashed. We have received a report on the efficiency tests of the new generators for Dolby, and both the 1800 K.W. and the 1300 K.W. generator showed a higher efficiency than guaranteed in the contract.</p>
Transmission Line Dolby to Millinocket. Job 1099	<p>The final stretch of the right-of-way has been cut through and the wood is being cut into its four-foot lengths. There now remains the task of cutting down the long trees along the sides of this final 1-3/4 miles and the piling of the wood so that it may be scaled. The brush has not been burned yet, of course. Work on the digging of pole holes and erection of them has been started by Mr. Willett and about thirty-two of the poles have already been erected on the Millinocket end of line.</p>
Machine Room Roof Mill #2 - Job 2036	<p>The roof over #1 and #4 paper machines has been completely planked the entire length, and one more bay between the monitors over #2 and #3 paper machines has been laid. No more of the roof has been tarred and graveled since last week, but the edge strips have been placed on that section previously graveled. The structural steel for the four fan houses, and also for the uptakes for the fans have been received.</p>

Date: July 27, 1925.

Department: Engineering.

Letter No. 10

Subject	Remarks	Page No. 2.
Concreting Conveyor Towers Mill No. 2 Job 2013	<p>The concreting of the steel conveyor towers has been completed, and the Foundation Company is now shipping away their equipment and cleaning up in general. As this job was scheduled for completion on Aug. 1st, we have completed it one week ahead of time.</p>	
Heating and Ventilating System - Mill No. 2 Job #2040	<p>The material for the galvanized steel air duct along the Screen Room Wall of the East Millinocket Machine Room, has been received. Mr. Ross's erector has also arrived and erection of this system is now going on. The connection onto the fan has been made and the length of piping in back of #1 paper machine is in place.</p>	
Trimbey Mixer Mill #2 - Job 2002	<p>Work on the erection of the piping of this installation is still going on. A start has been made on the large 24" and 18" line from the Mixer to the chests with practically one-half of it completed.</p>	
Up-Ending Device Finishing Room Mill No. 1 Job 1097	<p>Work on the up-ending device for the Millinocket Finishing Room has been completed and is working satisfactorily.</p>	
	<p>Signed <i>F. C. Bowler</i> R.V.W. Dict. RWV F. C. Bowler, Engineer.</p>	
	<p>The final sketch of the right-of-way has been sent through and the work is being run into the four-foot margins. There are some small details of setting down the long lines along the sides of the road. The work has not been started yet, of course. As the clearing of the road is now under way, it has been started by Mr. Smith and some clearing-up of the poles have already been started on the Millinocket end of the road.</p>	
	<p>The roof over the #1 and #2 paper machines has been completely started and the entire length, and the work has been between the machines over the #1 and #2 paper machines. The roof is made of the roof has been started and provided with some work, and the work is now being done on that section. The work is now being done on that section and the work is now being done on that section.</p>	

Great Northern Paper Company
Weekly News Letter

Date: July 20, 1925.

Department: Engineering.

Letter No. 9

Subject	Remarks
Water Storage	<p>On Tuesday, the 14th, the water storage of Ripogenus and North Twin reached a maximum of 36,753 million cubic feet. It then dropped off 255 million cubic feet in the next few days but has gained again over the week end.</p> <p>To-day's Report: Ripogenus Elev. 943.58 - Storage 29,464 Mil. C. F. North Twin " 483.15 - " 7,272 " " " Total Storage 36,736</p> <p>Rainfall from the first of July to date at Ripogenus is 1.55 inches and at Millinocket 1.04 inches. One gate at Ripogenus is open three feet.</p>
Dolby Hydro-Electric Changes Job #2037	<p>A portion of the concrete floor around the draft bend of the waterwheel has been poured and the oil sump tanks, pressure tanks, oil pumps and governor have been moved into their approximate positions. The concrete floor in front of the switchboard and the steps leading down into the pit have also been poured. The pipe structure for the switchboard material behind the operating panel is practically completed and the General Electric men are now assembling the oil switches, current and potential transformers etc. The motor-generator exciter set which is to sit under the present transformer platform, was moved into the old generator room this morning. Due to the erection of the new Gypsum roof it has been necessary to erect temporary protections over the present switchboard, transformers and the new switchboard under construction, where falling water or material would cause considerable damage. Placing of the Gypsum Pyrobar Tiles was about 90% completed this morning and a goodly start had been made on the bonding of them together. Structural Steel for the water stage register house has been erected and also the structural steel cussing for the two new skylights. The waterproofing material for the roof, the copper edge strips and copper frames for the skylights were received from the Hahnel Bros. on last Monday. Mr. Jones, a General Electric switchboard man, arrived and reported for work at Dolby Saturday. Work has been resumed on the temporary partition, now that all the large pieces of machinery and material have been moved into the pit. Mr. Wade of the General Electric Company arrived in town to-day and visited the Dolby work.</p>
Transmission Line - Dolby to Millinocket. Job 1099 <i>Transmission Tower & Transformer Steel (1)</i>	<p>The final stretch of the right-of-way (approximately 1-3/4 mile) is now being cut and cleared, and in all probability will be completed within a week or ten days. On Monday last, a profile was run over the Millinocket end of the right-of-way and the position and height of the pole desired were staked out with the assistance of Mr. Nickerson, so that Mr. Willett may start distributing his poles and digging the holes for their erection.</p>
Machine Room Roof - Mill #2 Job #2036	<p>At East Millinocket, the screen room end of the machine room roof has been planked for seven bays, and six of these have been tarred and graveled. On the dry end the new planking and timbers extends for six bays over #1 paper machine, for 4 bays over #2 and #3 and for 7 bays over #4 machine.</p>

Date: July 20, 1925.

Department: Engineering

Letter No. 9

Subject	Remarks	Sheet No. 2
Concreting Con- veyor Towers Mill #2 Job #2013	<p>This job is progressing very satisfactorily, the 9th section of the final tower (tower "A") being poured this morning. This leaves only two more sections to be concreted and should be completed by Wednesday or Thursday of this week.</p>	
Trimby Mixer Mill #2 Job #2002	<p>The final shipment of the large sized pipe and fittings were received at East Millinocket on Saturday and were being unloaded this morning. A start on some of the piping has been made and now that the material is all on hand, the pipers should make good progress on this installation.</p>	
Cameron Pressure Pump - Mill #1 Job #1096	<p>The piping on this installation is progressing along satisfactorily, a portion of system "H" (See drawing B-716) under the platform being completed and practically all of the long overhead run of pipe through the trusses being in place.</p>	
Up-Ending Device Finishing Room Mill #1 Job 1097	<p>The material for the up-ending device in the Finishing Room has been received and is at this writing practically all erected. There remains some welding and odd jobs on the last platform, to make this job complete. The platform opposite #1 Paper Machine has been in service for several days and the next two were tried out to-day.</p>	
<i>Mach Run Vent ② Job 2040</i> <i>Mkt Switchboard Job 1098</i>	<p style="text-align: center;">Signed</p> <p style="text-align: center;">F. C. Bowler, Engineer,</p> <p>Dict. RVW By <u>F. C. Bowler</u> RVW.</p> <p>The final shipment of the large sized pipe and fittings were received at East Millinocket on Saturday and were being unloaded this morning. A start on some of the piping has been made and now that the material is all on hand, the pipers should make good progress on this installation.</p> <p>The piping on this installation is progressing along satisfactorily, a portion of system "H" (See drawing B-716) under the platform being completed and practically all of the long overhead run of pipe through the trusses being in place.</p> <p>The material for the up-ending device in the Finishing Room has been received and is at this writing practically all erected. There remains some welding and odd jobs on the last platform, to make this job complete. The platform opposite #1 Paper Machine has been in service for several days and the next two were tried out to-day.</p> <p>The final shipment of the large sized pipe and fittings were received at East Millinocket on Saturday and were being unloaded this morning. A start on some of the piping has been made and now that the material is all on hand, the pipers should make good progress on this installation.</p> <p>The piping on this installation is progressing along satisfactorily, a portion of system "H" (See drawing B-716) under the platform being completed and practically all of the long overhead run of pipe through the trusses being in place.</p> <p>The material for the up-ending device in the Finishing Room has been received and is at this writing practically all erected. There remains some welding and odd jobs on the last platform, to make this job complete. The platform opposite #1 Paper Machine has been in service for several days and the next two were tried out to-day.</p>	

Great Northern Paper Company

Weekly News Letter

Date: July 13, 1925.

Department: Engineering.

Letter No. 8.

Subject	Remarks
<p>Water Storage</p>	<p>The water storage conditions have still shown a steady improvement during the past week, netting a total gain of 1250 million cubic feet. On Friday morning we shut one gate at Ripogenus so that we now have one full gate opened. North Twin has gained 3.6 feet since last Monday or 2428 million cubic feet in storage.</p> <p>To-day's Report: Ripogenus Elev. 943.25 - Storage 29,043 Mil. Cu. Ft. North Twin " 483.60 - " 7,578 " " " 36,621 " " "</p>
<p>Dolby Hydro Electric Changes. Job #2037.</p>	<p>The flume of the new waterwheel is now completely riveted and caulked, and the draft tube connection made. Forms have been built and the concrete poured for the pipe trenches, and foundations for the waterwheel governor and its respective oil pumps. Also a drain pipe from the waterwheel flume has been connected to take care of draining the flume empty if it is ever necessary to go inside for repairs. The General Electric foreman, Mr. Monroe, and two helpers reported for work Monday morning July 6th. At the present writing the combined electrical crew have finished the conduit work for the first unit and have the conduit for the other three units completed as far as the old generator room. The generator base has been bolted together and roughly leveled on its foundation, the field bolted onto the base, and the rotor moved into the pit ready for assembly. The pipe structure for the switchboard is being erected, and earth fill is being placed on the front half of the switchboard preparatory to concreting the floor at that point. Structural Steel has also been erected between the building columns to which the switchboard structure is secured. In the generator room, the air duct beneath the present transformers has been completed, and the temporary roof extended. The steel purlins and tee irons for the new roof have been erected on one-half of the roof. Two more cars of the Gypsum pyrobar were received at Dolby the 9th and 11th respectively and the U. S. Gypsum Co.'s foreman arrived at Dolby Friday, the 10th, to construct the roof. Now that the Gypsum is being placed, we have notified the Hahnel Bros., to have their waterproofing material and men on the job and ready to apply the same not later than July 20th. The old Water Stage Register House on the roof has been torn down and the new steel one being erected this morning. Mr. G. V. Salle, District Manager, of the Foundation Company visited the work under construction at East Millinocket and Dolby on Friday last.</p>
<p>Machine Room Roof Mill #2 - Job #2036</p>	<p>Six bays, the entire width of the roof, have been placed over the wet end of the machines. This carries it just beyond the wire of the machines and all the beams etc. were thoroughly swept and cleaned to prevent any foreign matter from falling on the wires at a later time. Work was started this morning on the appliance of the tar and gravel on this end of the roof. Over the dry end of No. 1 and No. 2 paper machines, four bays have been placed and over #3 and #4 three bays. The greater portion of the wood has now been treated, there remaining only some of the large timbers and a small quantity of planking.</p>

Date: July 13, 1925.

Department: Engineering

Letter No. 8

Subject

Remarks

Sheet #2.

Trimbey Mixer
Mill #2
Job #2002

As yet the large sized pipe and fittings for this job have not been received so that little progress has been made on that item. The shipment of above material was promised for June 30th. The Mixer Box itself has been moved onto the steel platform erected for it over the Ground Wood Deckers.

Transmission Line
Dolby to Millinocket - Job 1099

Excavation for the foundation of the steel tower on the ledge at Dolby has been completed, and the anchor bolt holes located and drilled. The Right-of-way is cut and cleared down to within approximately 1-3/4 miles of the Dolby dam, and all the tall timber on the edge of this strip (which would endanger the line if they were to fall onto the wires) have been felled, cut and piled ready for measurement. Messrs Bowler, Weldon, and Willett went over the line on Wednesday last, to inspect the work done up till that time.

Concreting Conveyor Towers
Mill #2 Job 2013

Towers "B", "C", and "D" have now been completed on the wood piling conveyor towers and Mr. Burr has started piling out his wood. The forms for concreting tower "A" have been completed, and the second section was being poured this morning.

Steel Sluice
Mill No. 1
Job No. 1090

At Millinocket, the new steel sluice was finished and put into operation at 8:00 A.M. Wednesday, July 8th. We are pleased to report that this job has been completed three weeks ahead of scheduled time.

Cameron Pressure
Pump - Mill #1
Job #1096

The pipers are making quite good progress on this installation. The three 2500 gallon pumps have not yet been received, but Mr. Reagan of the Cameron Pump Co., advised us on his recent trip here, that the pumps had been tested out and in all probability were at present on the road.

16" Cameron
Ground Wood Pump

The 16" Cameron Pump for the Ground Wood Department of Mill #1 was installed and put into operation under the supervision of Mr. Reagan of the Cameron Pump Co. on Thursday, July 9th.

Signed F. C. BOWLER, Engineer

Dict RVW

By

F. C. Bowler
R.V.W.

Great Northern Paper Company
Weekly News Letter

Date: July 6, 1925.

Department: Engineering

Letter No. 7.

Subject

Remarks

Water Storage

Water Storage conditions have improved during the past week showing a net gain of 2520 million cubic feet. Ripogenus is now full and for the past two days we have been increasing the gate opening to take the surplus water into North Twin. North Twin has gained 1.4 feet in height and 9,924 million in storage during the past week.

To-day's Report: Ripogenus Elevation 944.17 - Storage 30,221 M.C.F.
North Twin " 480.00 - " 5,150 " " "
Total Storage 35,371 " " "

Rainfall totals for the month of June as follows:

Ripogenus 5.75".
Millinocket 6.84".
Madison 4.26".

Since July 1st we have recorded rainfall at Ripogenus .11", at Millinocket .03".

Dolby Hydro
Electric
Changes
Job #2037.

Water Wheel proper is all assembled, the flume is being riveted and caulked, special drilling and caulking for draft tube connection now going on. Conduit under the switchboard location has been placed and the earth fill deposited ready for concrete floor which will be poured to-morrow morning. Three men from the General Electric Company arrived this morning to start erection of the switchboard and generator. The new traveling crane has been erected and is now in service. A car of Gypsum Roof Tile has arrived and is being unloaded this afternoon. We have notified the U. S. Gypsum Company to have their erectors at Dolby next Monday when we expect to have the steel purlins, etc. in place ready for them to commence on the roof.

Transmission
Line-Dolby to
Millinocket.
Job #1099

Ledge excavation near the log sluice at Dolby for transmission tower is practically completed to-night. We expect to be ready to start erecting this tower as soon as the steel arrives. Poles for the transformer station at Dolby have been treated with Protexol and delivered on the job. The cutting of Right-of-way is in progress with approximately 450 cords of wood cut and piled for measurement.

Machine Room
Roof - Mill #2
Job #2036

About 80% of the lumber for this roof has been treated. New roof has been placed for three bays from the screen room over the wet end of #3 and 4 machines and for five bays over the wet end of 1 and 2 machines; also of four bays at the dry end over 1 and 2 machines. It has been found necessary to remove the old roof over the wet end of the machine while the machine was shut down and Mr. Burr's crew augmented by the Foundation Company's carpenters made very good progress on this work during the days of July 4th and 5th.

Trimbe Mixer
Mill #2.
Job #2002

Final shipment of piping for this installation promised for shipment on June 30th has not yet arrived and little progress has been made on this job during the past week.

Date: July 6, 1925.

Department: Engineering.

Letter No. 7.

Subject

Remarks

Sheet No. 2

#7 Loading Timber for this work and the preservative for treating
Trestle - Mill has been received as noted last week but work has not yet been started
#2 - Job 2039 as it is thought best to continue with the treatment of machine room
roof lumber until it is completed.

Concreting Towers "B" and "C" of the pulp wood conveyor have been com-
Conveyor Towers pleted, forms for tower "D" are now completed and the last pour of
Mill #2 concrete goes in to-morrow. Work has been started on forms for the
Job 2013 north tower.

Steel Sluice This job should be entirely completed this week. There
Mill No. 1 remains to be finished a little welding, a short stretch of pipe
Job 1090 railing, some painting, and a small job of conveyor lining at the
point where this sluice discharges on to No. 2 piling conveyor.

Cameron Pres- Three 2500 gallon pumps and motors are not yet received.
sure Pumps. The Pipers are making good progress.
Mill No. 1
Job 1096.

North Twin Order has been placed for steel gates but no work started
Dam Gates at the dam pending their delivery.
Job 1100

Ventilating Shipment of galvanized iron duct promised for July 10th.
System -
Machine Room
Job 2040.

Signed



Large excavation near the log sluice at Bully for water-
station tower is practically completed to-night. We expect to be
ready to start erecting this tower as soon as the steel arrives.
Plans for the transformer station at Bully have been revised with
reference and delivered on the job. The cutting of right-of-way
is in progress with approximately 400 yards of work out and piled
for measurement.

About 80% of the lumber for this road has been treated.
The road has been planned for three bays from the stream down away
the west end of 2nd and 3 machines and for five bays over the
end of 1 and 2 machines; also of four bays at the dry end over
1 and 2 machines. It has been found necessary to remove the old
road over the end of the machine while the machine was shut
down and Mr. Barre's crew suggested by the Foundation Company's
engineers made very good progress on this work during the days of
July 1st and 2nd.

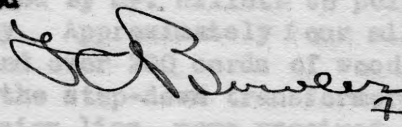
Final alignment of piping for this installation promised
the material on June 25th has not yet arrived and little progress
has been made on this job during the past week.

Date: June 29, 1925.

Department: Engineering.

Letter No. 6.

Subject	Remarks
<p>Water Storage</p>	<p>The water storage at North Twin and Ripogemus has shown a tendency to drop off during the past week dropping down to 32,654 million cubic feet on Saturday, but is back up to 32,851 million cubic feet on to-day's report.</p> <p>To-day's Report: Ripogemus Elev. 942.92 - Storage 28,625 Mil. Cu. Ft. North Twin " 478.60 - " 4,226 " " " Total Storage 32,851 " " "</p> <p>Rainfall for Millinocket from first of June to date is 5.61 inches.</p>
<p>Dolby Hydro Electric Changes Job #2037.</p>	<p>The lining and leveling of the new waterwheel at Dolby is progressing very satisfactorily. The generator which was shipped from Schenectady on the 18th was received at Dolby (loaded on two cars) Friday morning the 26th. This has been unloaded and the separate parts are now being moved into the building, with the base placed on its concrete foundation which was poured on Friday last. The old concrete has been chipped out from under the present transformer platform in the generator room and the steel work put in place underneath. Also the old crane column behind these transformers has been removed, and the new one put into position. The conduit work for the switchboard and its structure is practically completed. This phase of the work coming along faster than anticipated, so much so that Mr. Bowler wrote to Mr. Wade asking that a General Electric's Foreman and two helpers be at Dolby Monday, the 6th of July, ready to start immediate work on the switchboard structure. The Gypsum roof material has not been received as yet, but as it should come in most any day now, we have started tearing down the monitors on the Generator Room Roof.</p>
<p>Transmission Line-Dolby to Millinocket. Job #1099</p>	<p>The banking has been cut away from around the transformer foundations at Dolby and a drain dug around to take care of the rain and snow. Poles that have had their butts treated with Protexol Wood Preservative are being distributed by Mr. Willett to points of advantage along the right-of-way. Approximately four miles of the right-of-way has now been cut and over 200 cords of wood cut and piled. On Saturday, the 27th, the step-down transformers for the Millinocket end of the transmission line, were received.</p>
<p>Machine Room Roof - Mill #2 Job #2036.</p>	<p>At East Millinocket, two and one-half bays of the wet end of the machine room roof have been planked and covered with tar paper, and on the dry end two bays, for one-half the width of the roof, have been ripped up and planked over. Treatment of the timbers was resumed on Tuesday, the 23rd, the sheet iron lining for the tank preventing any further loss of Preservative.</p>
<p>Trimbey Mixer Mill #2. Job #2002.</p>	<p>Forms for the concrete floor on the steel platform are practically all built, and the Mixer is on the roof preparatory to moving into position as soon as the floor has been poured. Final shipment of the piping for this installation is promised for June 30th.</p>

Subject	Remarks
#7 Loading Trestle Mill #2 - Job 2039	The necessary timbers for the repairing of this loading trestle have been received, and also the Preservative for treatment of same.
Concreting Conveyor Towers Mill #2 Job 2013	Tower "B" of the East Millinocket Pulp Wood Conveyor has been completed. The third section of tower "C" has been poured and the forms for the 4th section are under construction at this time. Forms for the first section of tower "D" are also completed but not as yet poured. At towers "A" the planking has been removed from the steelwork and piled at a convenient point.
Steel Sluice Mill No. 1 Job 1090.	The last bent of the new steel pulp wood sluice was erected on Tuesday morning the 26th. The riveting of the sluice has been completed and the work is now centered on the alterations for the end going onto the #2 Conveyor. The new water drain on the side is practically completed and welding of the steel angle plates has been started.
Cameron Pressure Pumps. Mill No. 1 Job 1096	Final shipment of the cast iron pipe and fittings, for the installation of the three Cameron Pumps, was received here Saturday the 27th.
North Twin Dam Gates Job 1100	The orders for the two steel sluice gates and six steel deep gates for North Twin Dam have been placed with the Portland Company.
Transmission Line - Miller to Millinocket. Job 1098	The 16" Cameron Pump for the Ground Wood Department, which is the pump heavy stock from the deckered stock chest, was received at Millinocket Wednesday, the 24th.
Job 2040 Vent	Signed  7
Visiting Office Mill No. 1 Job 1095.	The necessary timbers for the repairing of this loading trestle have been received, and also the Preservative for treatment of same.

Letter No. 5

FORM 2A

Date: June 22, 1925.

Department: Engineering.

Letter No. 5

Subject	Remarks
Concreting Conveyor Towers Mill No. 2 Job #2013	<p>Eight lifts of concrete have been placed on tower "B" of the pulp wood conveyor at East Millinocket, and the forms were being raised this morning for the 9th lift. (About 8 feet per lift). At tower "C" the first section of forms have been completed (about 18 feet) and the concrete poured into same, to-day.</p>
Steel Sluice Mill #1 Job #1090	<p>The new steel sluice at Millinocket is at this writing erected down to bent #126 and the riveting completed down to bent #119. The walkways and pipe railings are completed down to the log pond and the painters are very nearly down to the pond also. There is a little more welding to be done where the sluice divides and goes down to the log pond, and the water may be passed over that section of the sluiceway.</p>
Cameron Pres- sure Pumps. Mill No. 1. Job #1096.	<p>We received notice to-day from F. A. Houdlette & Son, Inc., that shipment of pipe and fittings for the Cameron Pressure Pump Installation was shipped on June 16th from Lynchburg, Va.</p>
	<p>Dict. RVW F. C. Bowler, Engineer.</p>

Great Northern Paper Company
Weekly News Letter

Date: June 15th, 1925.		Department: Engineering		Letter No. 4	
Subject	Remarks				
Water Storage	<p>The water storage in North Twin and Ripogenus has shown a slight improvement over last week, reaching a new maximum on Friday, June 12th of 32,245 million cubic feet. This exceeds the former high point by 717 million cubic feet. One gate at Ripogenus is still open six feet.</p> <p>To-day's Reports: Ripogenus Elevation 942.83 Storage 28,513 Mil.Cu.Ft. North Twin " 477.75 " 3,668 " " " Total 32,181 " " "</p>				
Dolby Hydro Electric Changes Job 2037.	<p>The erection of the new waterwheel is progressing very well, the upstream draft ring, draft bend and bearing, runner and shaft being set in place and the center bearing partially in position. These have not been lined and leveled finally, of course. The concrete foundation for the outboard bearing was poured on Thursday last, and the retaining wall between the new pit and #3 grinder line was poured on Saturday. Approximately 90% of the total excavation necessary for the pit has been completed. The three Generator Flume Gates from the Portland Co., have been received and unloaded. Mr. Wade and Mr. Rogers of the General Electric Co. were at Millinocket and Dolby on Wednesday and Thursday and Mr. Wade advises us that the first generator is to be shipped during the week of June 15th, the second during the week of July 6th, the third during the week of July 13th and the fourth during the week of July 20th.</p>				
Transmission Line Dolby to Millinocket Job 1099.	<p>Mr. Willett has about one half of the path for the pole line cut but not cleared and burned. The Foundation Co. has started excavating for the transformer foundations on the Dolby end. We have also started treating the butts of the poles with Protexol Wood Preservative, today.</p>				
Machine Room Roof Mill #2 Job 2036	<p>At East Millinocket, about thirty thousand feet of the lumber for the new machine room roof has been treated and a small portion of the new roof has been placed.</p>				
Concreting Towers on Pulp Wood Conveyor Mill #2	<p>The forms for tower "B" of the pulp wood conveyor at East Millinocket have been completed and the wire mesh reinforcing is being placed. They have rigged up an engine and tower hoist to enable the moving of the forms and pouring the concrete. Also, the planking from tower "C" is being removed. 2 lifts of concrete (about 16 ft. high) have been placed.</p>				
Steel Sluice Mill #1 Job 1090	<p>At Millinocket, the steel pulp wood sluice is now erected to bent #115 and the down spout into the long pond has been erected and riveted also. The mill-wrights are building the plank walkways, and the painters are fast catching up with the erectors. The Foundation bolts down to bent #108 have been grouted in and the middle row of concrete piers, which are now in disuse, have been drilled off level with the surface of the ground.</p>				

Date: June 15th, 1925. Department: Engineering Letter No. 4

Subject	Remarks
Cameron Pressure Pumps Mill #1 Job #1096	The piping on this installation has been stopped temporarily awaiting the arrival of the fittings and the balance of the pipe.
North Twin Dam Gates Job #1100	Requisitions were issued for the new steel gates at North Twin Dam on Saturday, June 13th.
Dict. RW	F. C. Bowler, Engineer.
The foundation for the new transformer is progressing very well, the foundation draft, draft board and bearing, former and draft being set out and the water bearing is being laid out. These have not been lined and leveled finally, as yet.	The foundation for the new transformer is progressing very well, the foundation draft, draft board and bearing, former and draft being set out and the water bearing is being laid out. These have not been lined and leveled finally, as yet.
The foundation for the new transformer is progressing very well, the foundation draft, draft board and bearing, former and draft being set out and the water bearing is being laid out. These have not been lined and leveled finally, as yet.	The foundation for the new transformer is progressing very well, the foundation draft, draft board and bearing, former and draft being set out and the water bearing is being laid out. These have not been lined and leveled finally, as yet.
The foundation for the new transformer is progressing very well, the foundation draft, draft board and bearing, former and draft being set out and the water bearing is being laid out. These have not been lined and leveled finally, as yet.	The foundation for the new transformer is progressing very well, the foundation draft, draft board and bearing, former and draft being set out and the water bearing is being laid out. These have not been lined and leveled finally, as yet.
The foundation for the new transformer is progressing very well, the foundation draft, draft board and bearing, former and draft being set out and the water bearing is being laid out. These have not been lined and leveled finally, as yet.	The foundation for the new transformer is progressing very well, the foundation draft, draft board and bearing, former and draft being set out and the water bearing is being laid out. These have not been lined and leveled finally, as yet.

FORM 2A

Date: June 8, 1925. Department: Engineering.

Letter No. 2.

Subject

Remarks

Heating & Vent-
ilating System
Mill No. 2
Job 2040.

A job record was issued from this department on Thursday, June 4th, for the galvanized steel air duct along the screen room wall of the East Millinocket Machine Room. A requisition was also issued for the material and a skilled mechanic for supervision of erection.

Steel Sluice
Mill #1
Job 1090

The steel pulp wood sluice at Millinocket is now erected to bent number 112, which includes the long span across the inlet of the pond, and riveted down to bent #105. They are to-day starting to erect the down spout into the log pond. The millwrights have started laying the walkway along the upper end of the sluice and are also building the forms around the top of the present piers to grout in the anchor bolts of the trestle. The Painters have also started in on the upper end and are painting the inside of the sluice at present. Final shipment of the steel has been received which included the down spout into the log pond and the steel for alterations of conveyor end of sluice. Mr. Allen, Boiler Engineer, of the Portland Company is expected here to-morrow to look over the work.

Cameron Pres-
sure Pumps
Mill #1
Job 1096

Very little piping has been done during the past week in connection with this installation.

Switchboard
Extension
Mill No. 1
Job 1098

We are working on drawings, with Mr. Nickerson's assistance, to cover the switchboard extension, and the necessary electrical changes and additions made necessary by the new incoming power line from Dolby.

Dict. RVW

F. C. Bowler, Engineer.

Great Northern Paper Company
Weekly News Letter

Date: June 1, 1925.

Department: Engineering

Letter No. 2.

Subject	Remarks															
Water Storage	<p>Since May 17th Storage in North Twin and Ripogenus has changed but little remaining about 31 billion cubic feet the past two weeks. The Natural Flow has just about taken care of our Mill Discharge. The maximum Storage recorded is 31,528 million cubic feet on May 24. This morning it was 31,020^{million} cubic feet. North Twin still shows a tendency to fall off so we put on one-foot more gate opening at Ripogenus May 28, since which date we have had one gate open six feet.</p> <table><tr><td>Today's reports</td><td>Ripogenus Elevation</td><td>942.50</td><td>Storage</td><td>28,100 Million</td></tr><tr><td></td><td>North Twin Elevation</td><td>476.60</td><td>Storage</td><td>2,920 "</td></tr><tr><td></td><td></td><td></td><td>Total</td><td>31,020 "</td></tr></table>	Today's reports	Ripogenus Elevation	942.50	Storage	28,100 Million		North Twin Elevation	476.60	Storage	2,920 "				Total	31,020 "
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	North Twin Elevation	476.60	Storage	2,920 "												
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Dolby Hydro-Electric Changes Job 2037	<p>The 30" stone was removed from #4 grinder line and placed in service on #1 grinder line on Sunday, May 24th, and the remainder of the grinders and their bases have been dismantled and taken out. Three jack-hammers were put to work drilling and chipping out the old concrete around the water wheel, the water wheel now being dismantled and taken out. The old wheel is entirely removed - excavation completed at the wheel case, shears erected inside the flume for handling the up-river wheel, one building column has been spliced and is ready for grouting, the second building column is shored and old pier being removed from under it to-day. Progress on this work has been so rapid that the turbine erector has been telegraphed for to-day. The first turbine was shipped on three separate cars on the 16th, 19th and 20th of May and they were received at Dolby on the 26th, 27th and 28th respectively. These cars have been unloaded and the turbine parts stored in convenient places awaiting erection. A temporary roof is under construction in the Generator Room which is to serve as a staging for erecting the new roof, and also to serve as a protection to the Generators while the new roof is erected.</p>															
Transmission Line Dolby to Millinocket Job 1099	<p>As yet we have not heard from the Spruce Wood Department in regard to the right-of-way across Mr. Webber's property. We have a verbal understanding with a Mr. Willet to do the cutting and clearing on this line and he is now doing preliminary work such as erecting camps and gathering his crew, so that we may jump right to work as soon as we receive the work. Willet's labor is now undergoing medical inspection by the Medical Department. R. H. Robertson is expected to-day to advise re contract with Willet.</p>															
Machine Room Roof - Mill #2 Job 2036	<p>At East Millinocket, the large wooden tank for treating the timbers that are to be used on the new machine room roof is completed. Requisitions were issued on Monday last, for the steelwork and the gypsum hollow tile to be used on the new exhaust fan housings, so that all the material required for this job has now been covered. Preservative Treatment of lumber starting to-day.</p>															
#7 Loading Trestle Mill #2 Job 2039	<p>A job record and requisitions were issued from this department on Friday, May 29th, covering the cost of repairs and the material required, to repair the loading and shipping trestle on #7 track at East Millinocket.</p>															

Date: June 1, 1925

Department: Engineering

Letter No. 2

Subject

Remarks

Concreting
Towers on
Pulp Wood
Conveyor
Mill #2
Job 2013

On Tuesday, May 26th, job record #2013 for concreting the towers on the pulp wood conveyor at East Millinocket was revised and requisitions issued to cover this work.

Steel Sluice
Mill No. 1
Job 1090

At Millinocket, work on the steel pulp wood sluice is progressing satisfactorily. During the past week we have erected from bent #96 to bent #106 and the riveting is completed down as far as bent #97, (Drawing A-776). The Portland Company is to make their final shipment of the steel the first of this week, which includes the down spout into the pond and the necessary steel for alterations on the conveyor end of the present steel sluice.

Cameron Pres-
sure Pumps
Installation
Mill #1
Job 1096

The forms have been removed from the platform in connection with the three 2500 gallon pressure pumps installation in the grinder room, and work on the piping changes was started on Saturday.

North Twin
Dam

The steel gates to replace the old wooden ones at North Twin Dam have been designed and a job record will be issued in a day or two.

Dict. RVW

F. C. Bowler, Engineer.

Great Northern Paper Company
Weekly News Letter

Date: May 25, 1925

Department: Engineering

Letter No. 1

Subject	Remarks
<p>Dolby Hydro-Electric Changes Job 2037.</p>	<p>The No. 4 line of Grinders at Dolby was shut down Sunday, May 24th, in accordance with previous correspondence relative to the shipment of the first turbine. The work of dismantling and taking out the Grinders and waterwheel now in disuse was started at that time and will be rushed as fast as possible. Shipments of material for this job are now beginning to come through, the structural steel for the crane supports, the 25-ton Whiting Crane, the four Woodward Governors for the water wheels, and the hard pine and sheetrock for the temporary partition now being on the ground at Dolby. The new steel gates for No. 4 Grinder flume have been installed, but the shipment of the remainder of the gates have been slightly delayed due to the fact that the Portland Company have been rushing work on the steel sluice for Mill No. 1.</p>
<p>Transmission Line Dolby to Millinocket Job 1099</p>	<p>In regard to the transmission line from Dolby to Millinocket, we are still waiting to hear from the Spruce Wood Department in connection with the right-of-way across a portion of property belonging to Mr. Webber. Mr. Bowler saw Mr. Gilbert in regards to this on Saturday, May 23rd, and he now expects prompt action. As soon as this right-of-way has been satisfactorily settled, work will be started immediately as we have a man in view to handle the cutting and clearing of the path, and erection of poles. The poles have been received.</p>
<p>Machine Room Roof - Mill #2 Job 2036</p>	<p>At East Millinocket, the hard pine timbers for the new machine room roof were received and after some controversy, unloaded and culled out under the supervision of the Bureau of Economy. A large wooden tank to be used for the treatment of these timbers with Protexol Wood Preservative is under construction and practically completed. Requisitions have been issued for all of the material required by the new exhaust fans and their housings with the exception of the steelwork and the gypsum hollow tile for the roofs.</p>
<p>#7 Loading Trestle Mill No. 2</p>	<p>The loading trestle at #7 track East Millinocket is in very bad condition and in need of immediate repairs. This trestle has been in service for seventeen years and the timbers are all rotting away. We are planning to treat the timbers with Protexol Wood Preservative on this replacement to give a longer life, and will issue a job record and requisitions to cover the necessary repairs within a few days.</p>
<p>Steel Sluice Mill No. 1 Job 1090</p>	<p>At Millinocket, work on the steel pulp wood sluice was started Friday, May 15th. We now have this erected from bent #85 to bent #96, (Drawing A-776), but not completely riveted together yet. Practically all of the steel has been received and is being unloaded and distributed on the ground to the proper bent locations.</p>

Date: May 25, 1925

Department: Engineering

Letter No. 1

Subject

Remarks

Cameron Press-
ure Pumps In-
stallation.
Mill No. 1
Job 1096

The steel work for the platform in connection with the in-
stallation of the three 2500 gallon Pressure Pumps for supplying
water pressure to the Grinders at Mill No. 1 has been received,
erected, and the concrete floor poured. A small portion of the
piping for this installation has been received, but not enough
to start work on.

North Twin
Dam

We are working on the design of steel gates to replace the
present wooden ones at North Twin Dam and will have this completed
in the near future.

Transmitted
this letter to
Millmaster
Jan 1925

In regard to the transmission line from Olby to Millmaster,
Dict. RVW F. C. Bowler, Engineer. Department in
connection with the right-of-way survey a portion of property
belonging to Mr. Voth, Mr. Bowler and Mr. Albert is required
to this as bearing, Ray Bird, and he has accepted prompt action.
As soon as this right-of-way has been satisfactorily settled,
work will be started immediately as we have a plan in view to
handle the cutting and clearing of the path, and grading of
polar. The poles have been received.

Machine tool
Shop - Mill #1
Job 1096

At West Millmaster, the new plan machine for the new
machine room roof were received and after some minor work, un-
ed and called out under the supervision of the Bureau of Survey.
A large machine tool to be used for the treatment of large timber
with Portland Cement Preservative is under construction and
practically completed. Repairs have been started for all
of the material received by the new millmaster and the
handling with the exception of the equipment and the general
millwork for the work.

PT Landing
Trestle Mill
No. 1

The landing trestle at PT Landing near Millmaster is in
very bad condition and in need of immediate repairs. This
trestle has been in service for several years and the timber
are all rotting away. We are planning to treat the timber with
Portland Cement Preservative in this equipment to give a longer
life, and will make a lot of work and repairs to cover the
necessary repairs within a few days.

Steel Mill
Mill No. 1
Job 1096

At Millmaster, work on the steel mill road which was
started Friday, May 15th. We now have this erected from the
mill to the road, (Bearing N-77W), and are completely erected
together yet. Practically all of the steel has been received
and is being unloaded and distributed on the ground as the
pump has been handling.